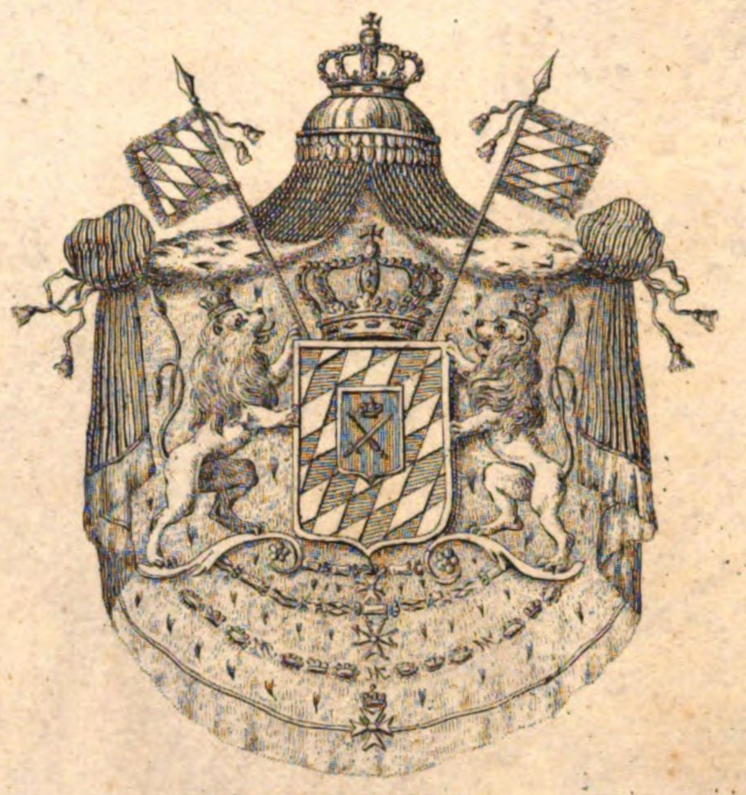
App. Mil.
122

Opp Mil
122

Zastrow

Ind Opp. Mil. 17[illegible] in 8°



BIBLIOTHECA
REGIA
MONACENSIS.

18 Pläne zu Zastrow Befestigungskunst.

2te Auflage 1839.

BIBLIOTHECA
REGIA
MONACENSIS.

Alte Stadtbefestigung mit Ru

Fig: 1.

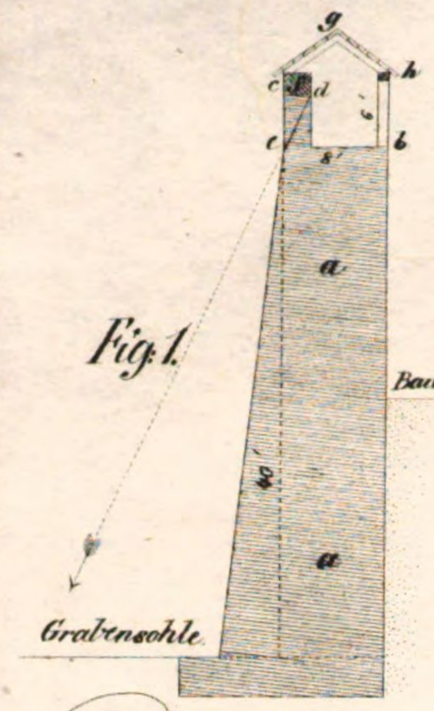


Fig: 2

Fig: 3

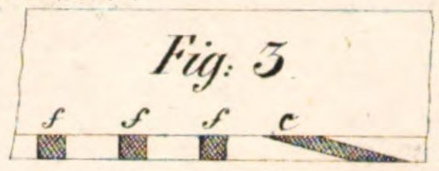
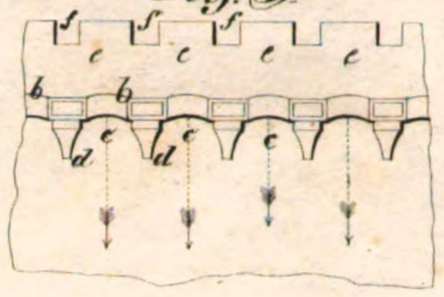


Fig: 4.

Fig: 5.



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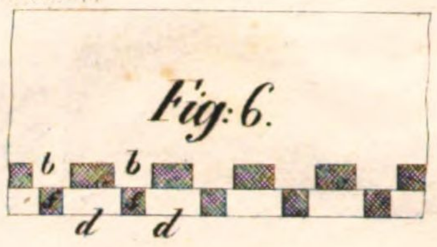

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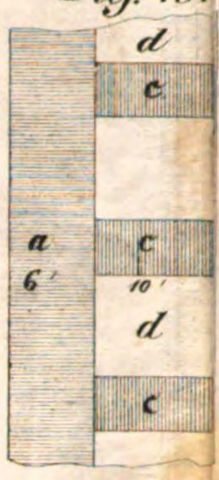
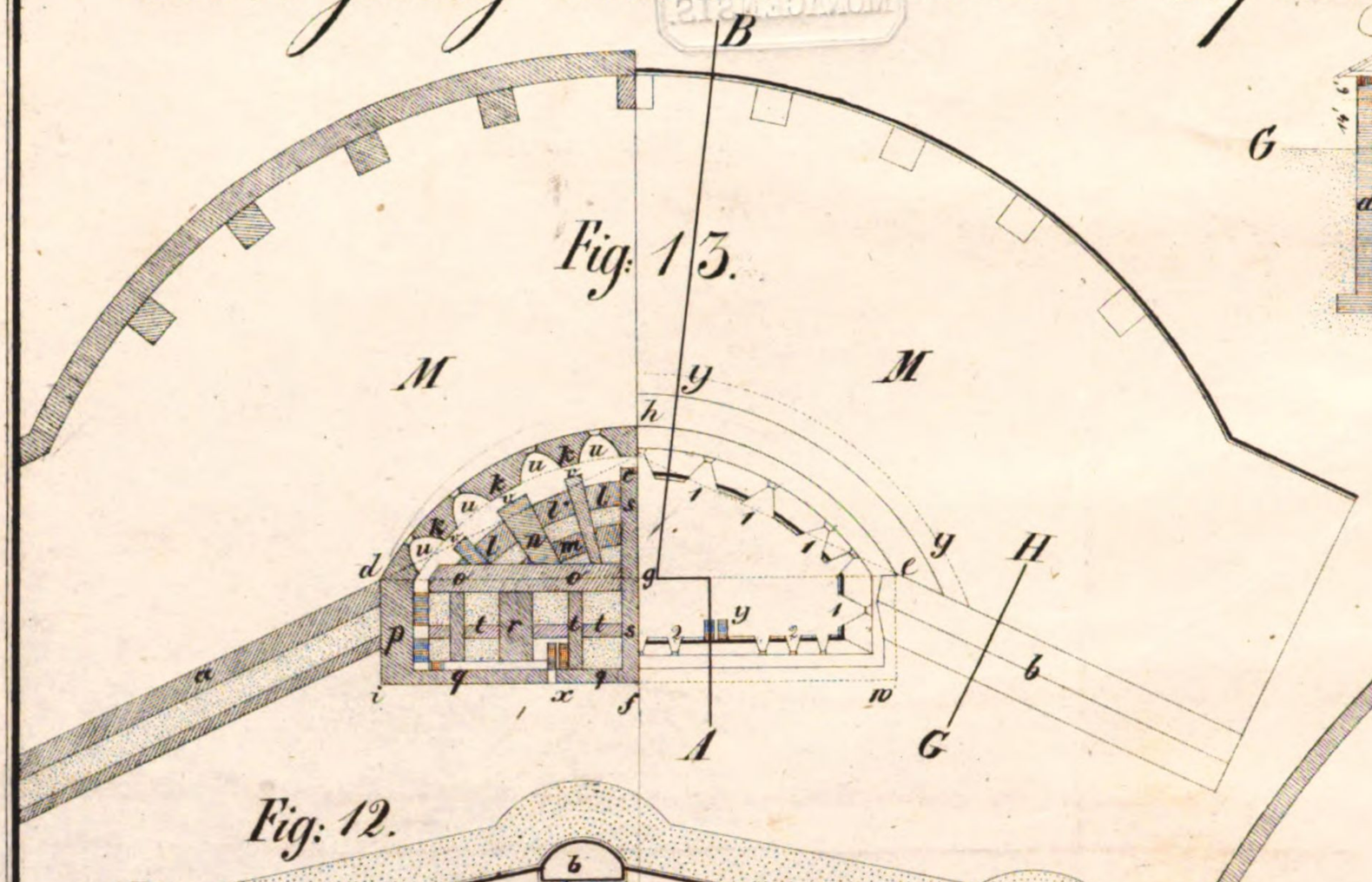
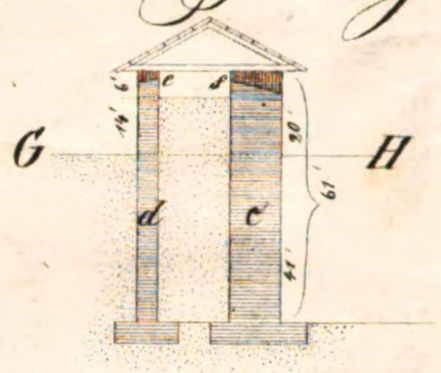


Übergang aus der alten Befestigung

Fig: 13.





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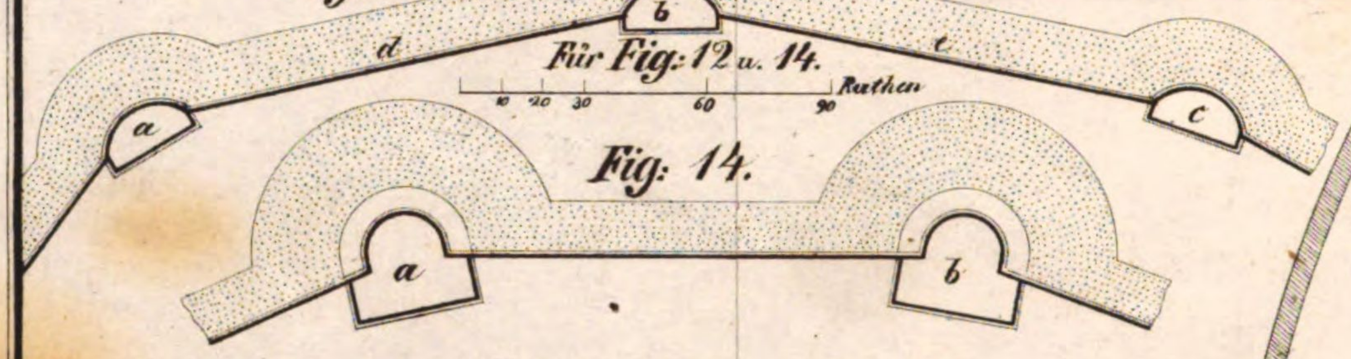
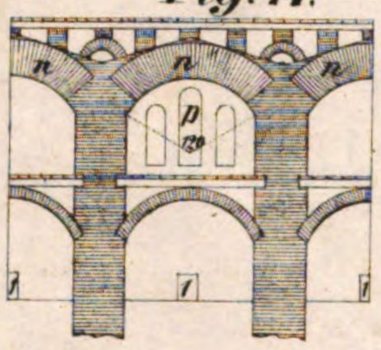
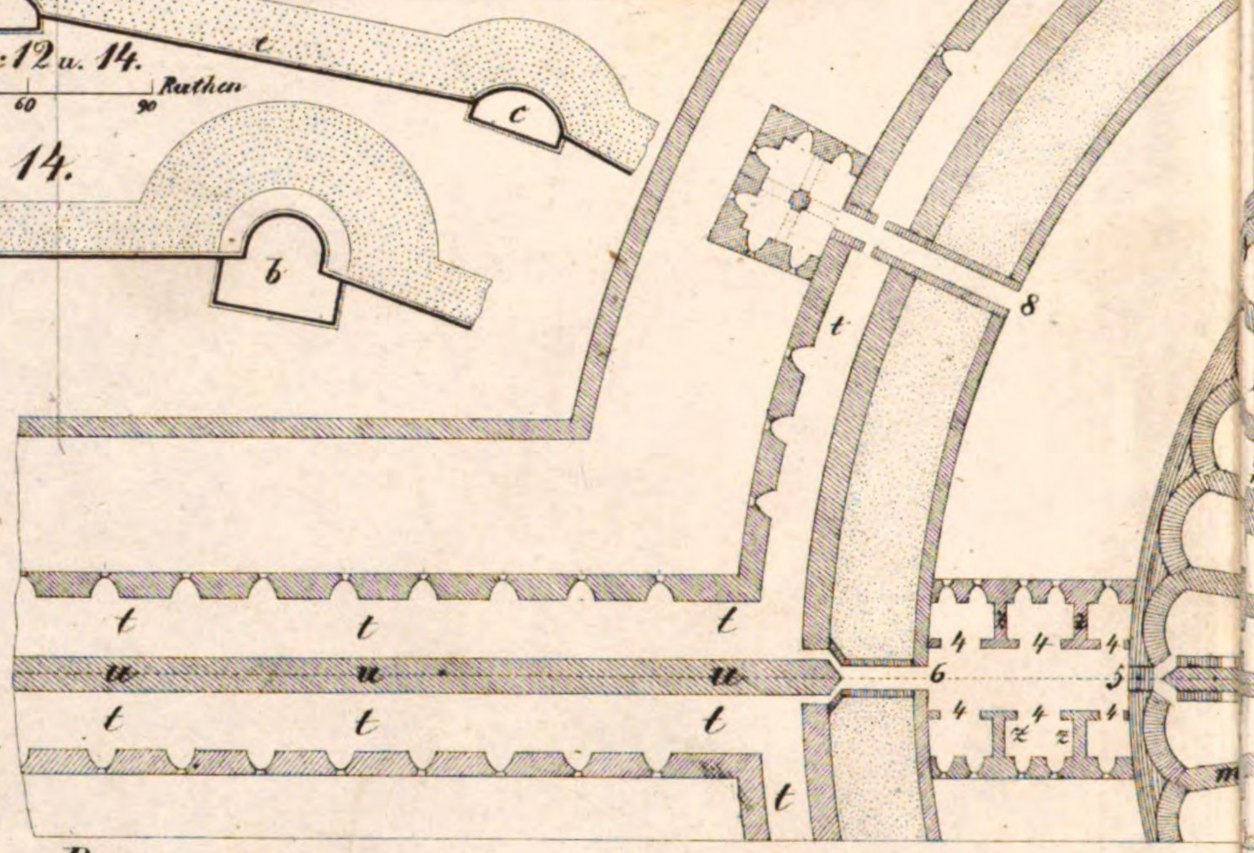
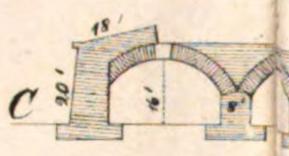


Fig: 14.

Fig: 17.







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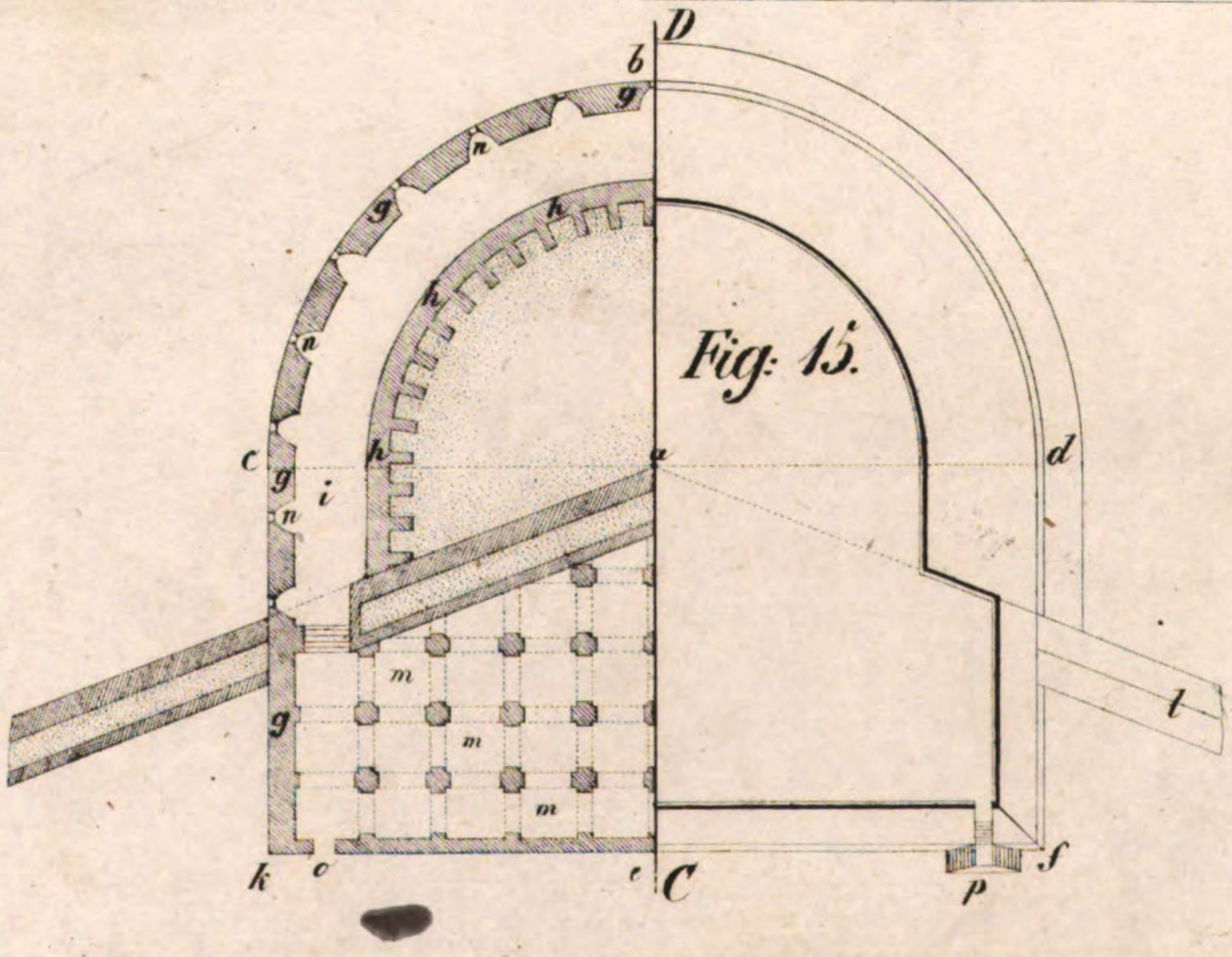
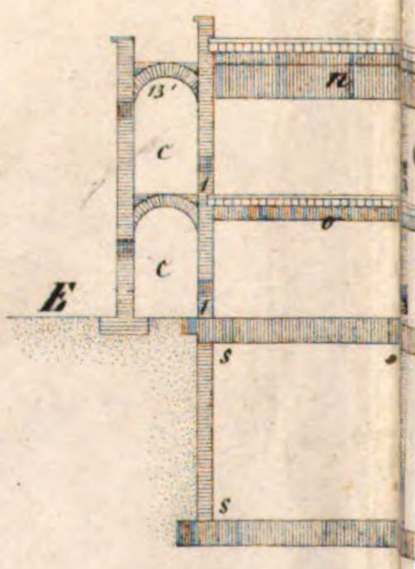




ngnauern und Thürmen.

Fig: 7.

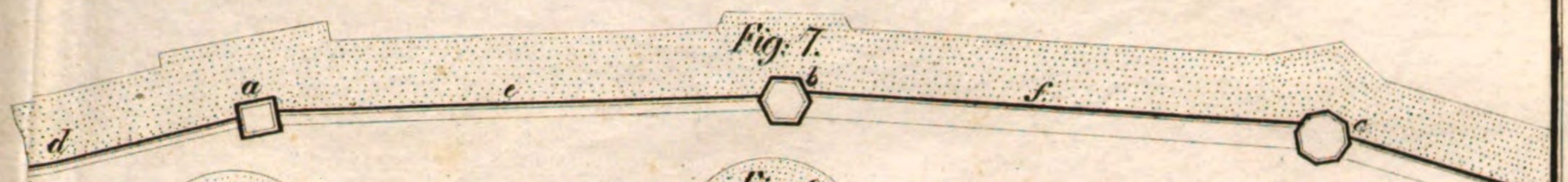
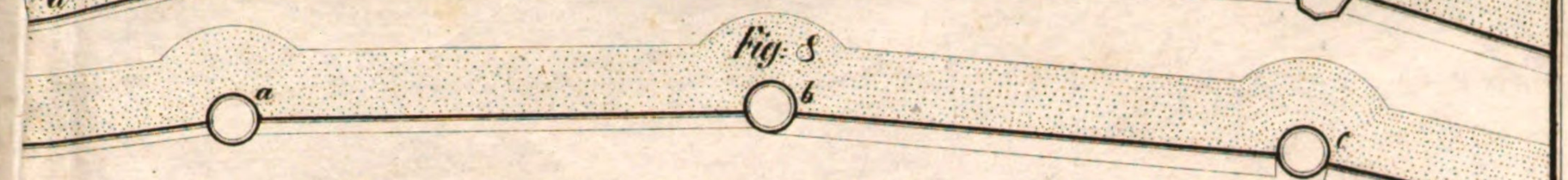
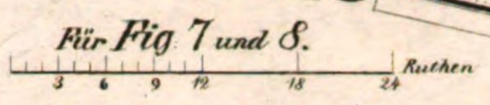


Fig: 8.



Für Fig. 7 und 8.



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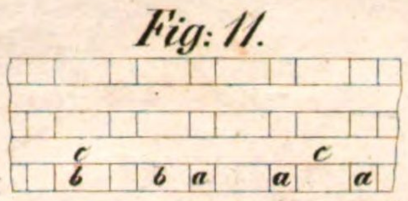
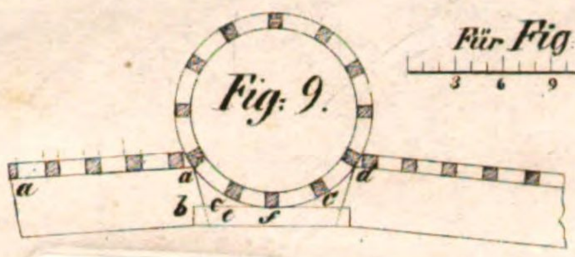
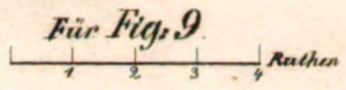


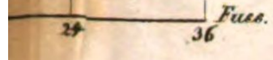
Fig: 9.



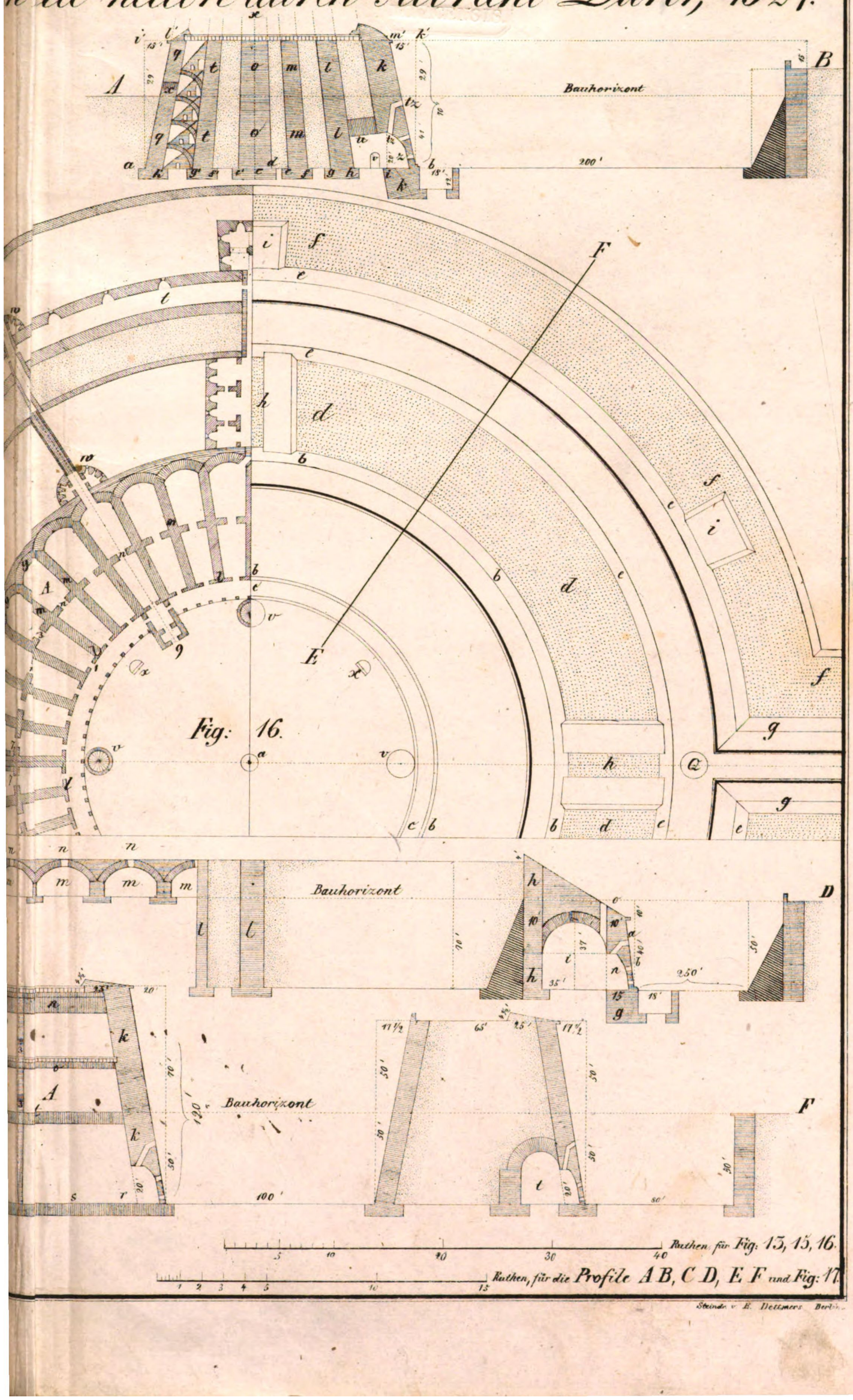
Für Figs. 9



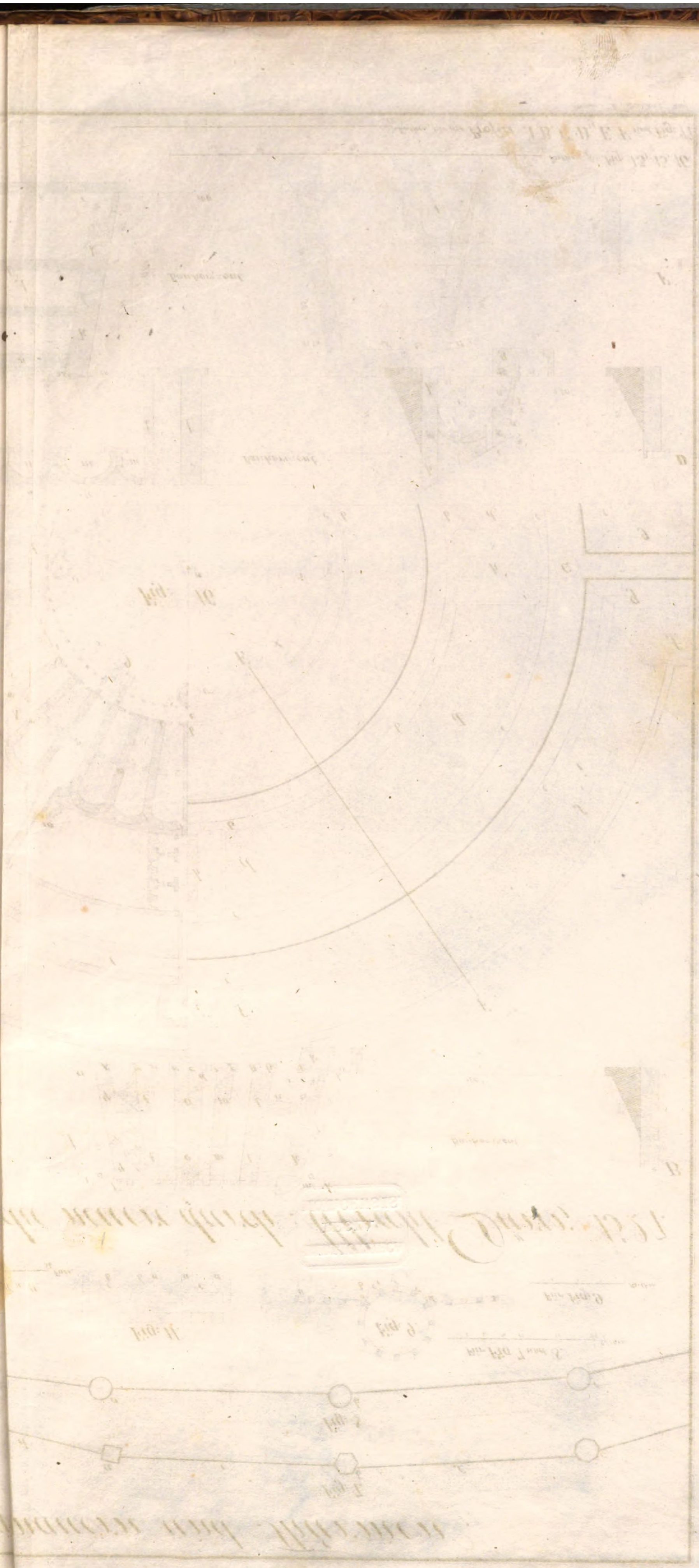
3, 4, 5, 6 u. 11.

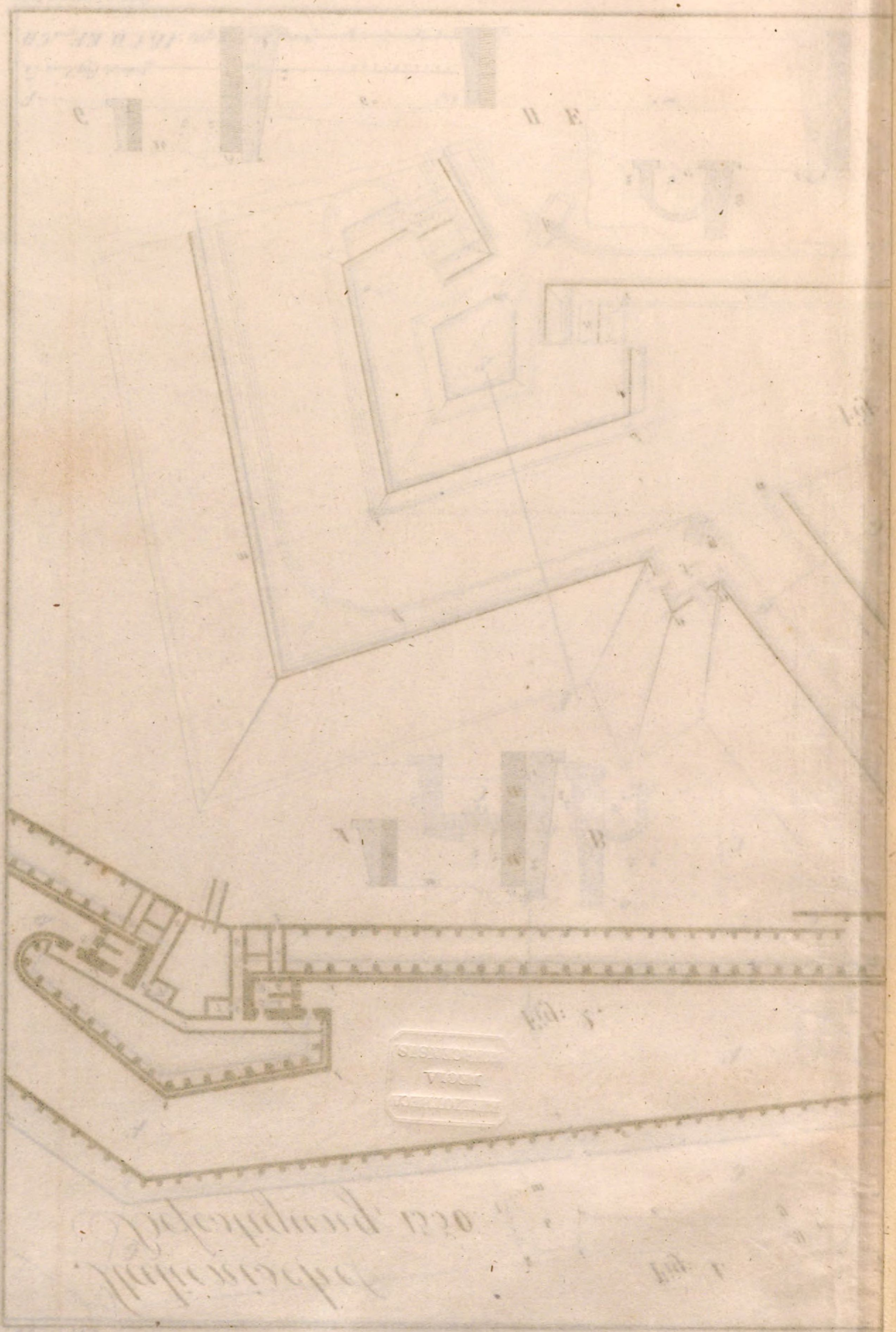


in die neuere durch Albrecht Dürer, 1527.



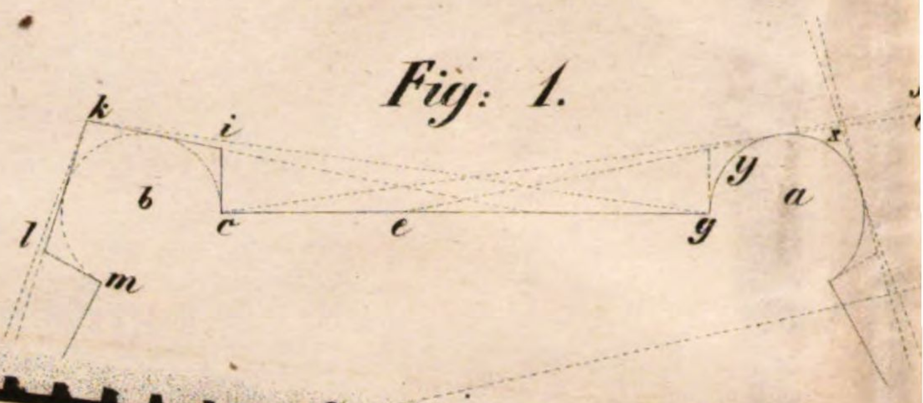
Steindr. v. E. Dettmers Berlin





Italienische Befestigung, 1550.

Fig: 1.



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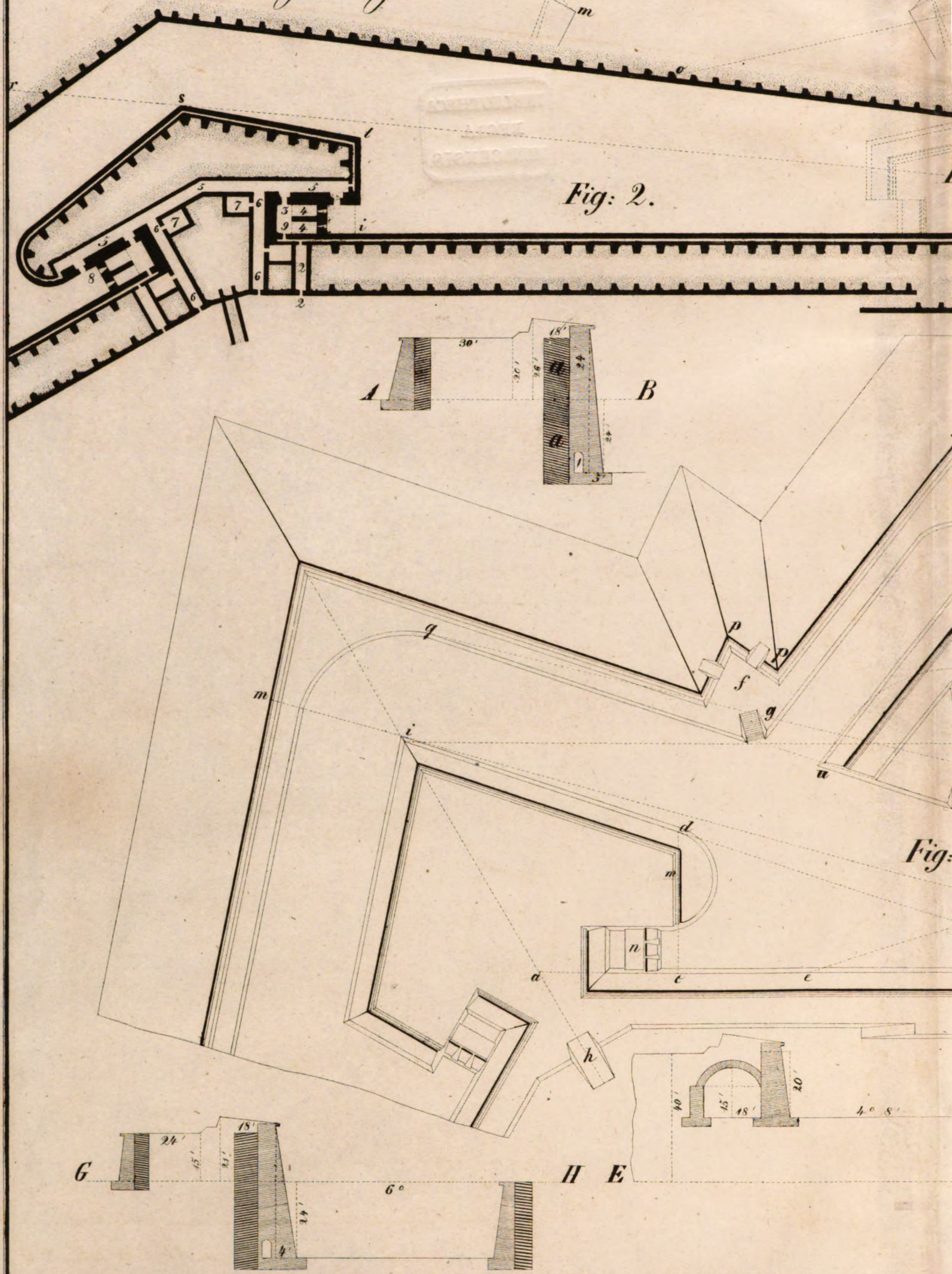
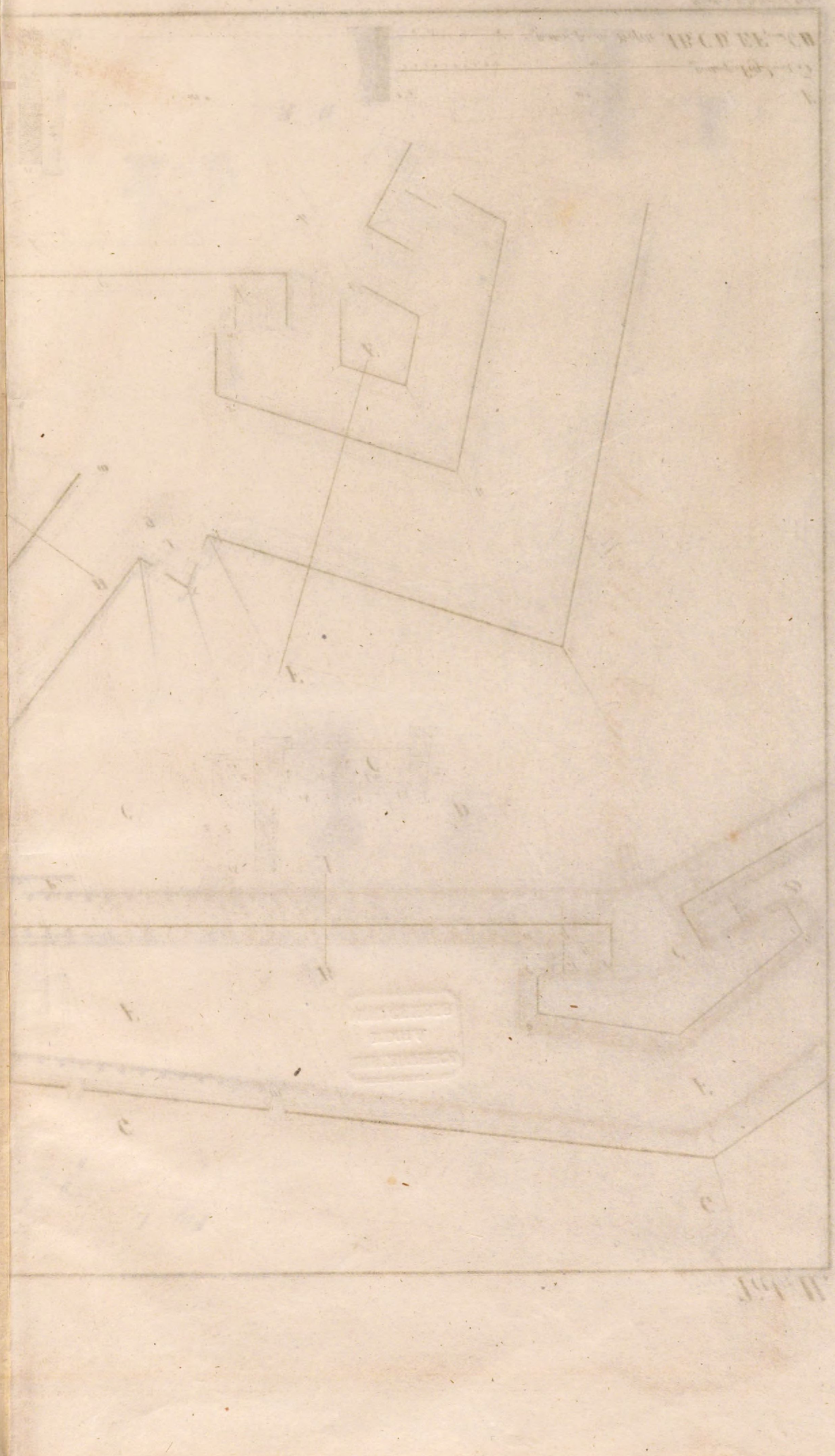


Fig:

Tab: II.

Steindr v E. Dettmers Berlin.



A
B
Fig. 1.

Speckles Manier 1589.

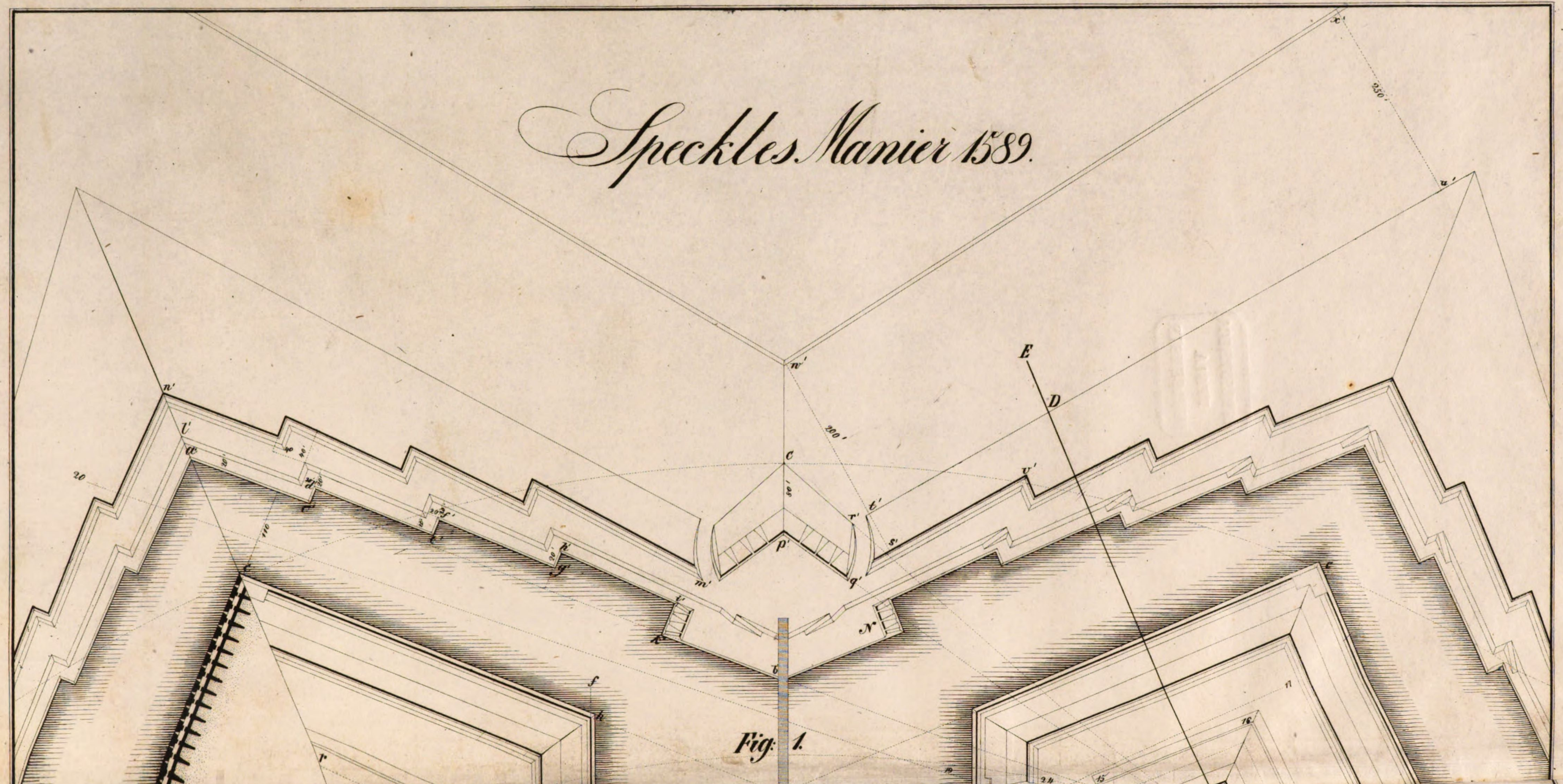


Fig. 1.

Kurtine.

Hohe Flanke

Mittlere Flanke

Niedere Flanke.

Kavalier

Bastionsface

Graben 15. 16.

Zwinger

Hauptgraben

Zweite Terrasse.

Erste Terrasse

Vorgraben

Bauhorizont.

Wasserspiegel.

Speckles verstärkte Manier in welcher die Flanken senkrecht auf der Defenslinie stehen und das Ravelin größer wie bei Cormontaigne ist.

Fig: 4

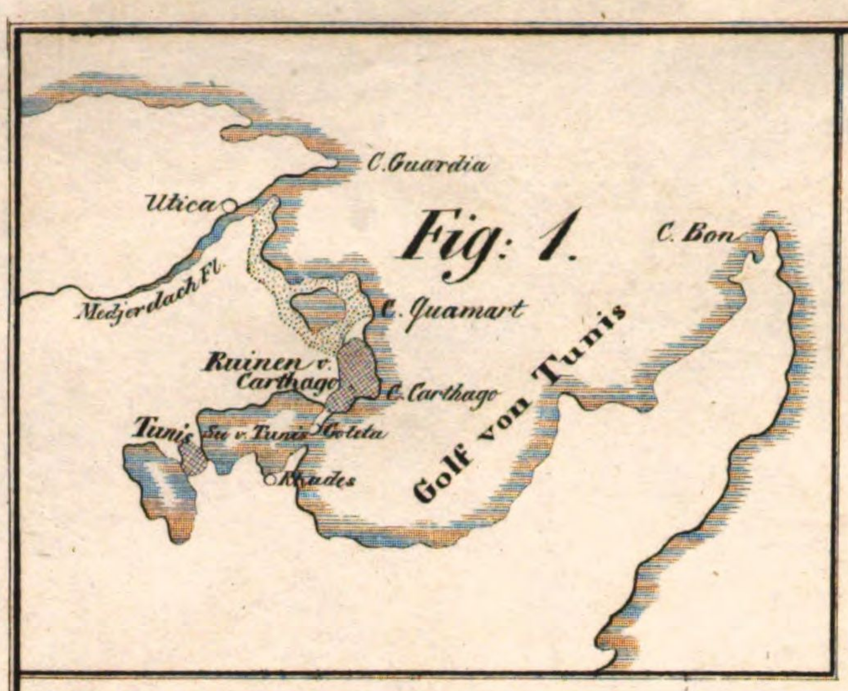
Fig: 3.

Fig: 2.

Ruthen, für den Grundriss

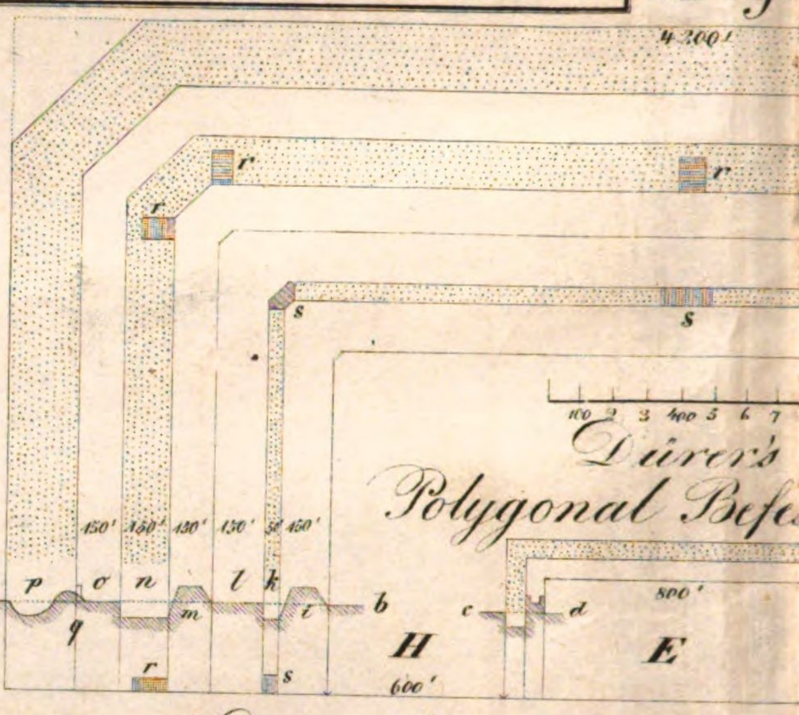
Ruthen, für die Profile.

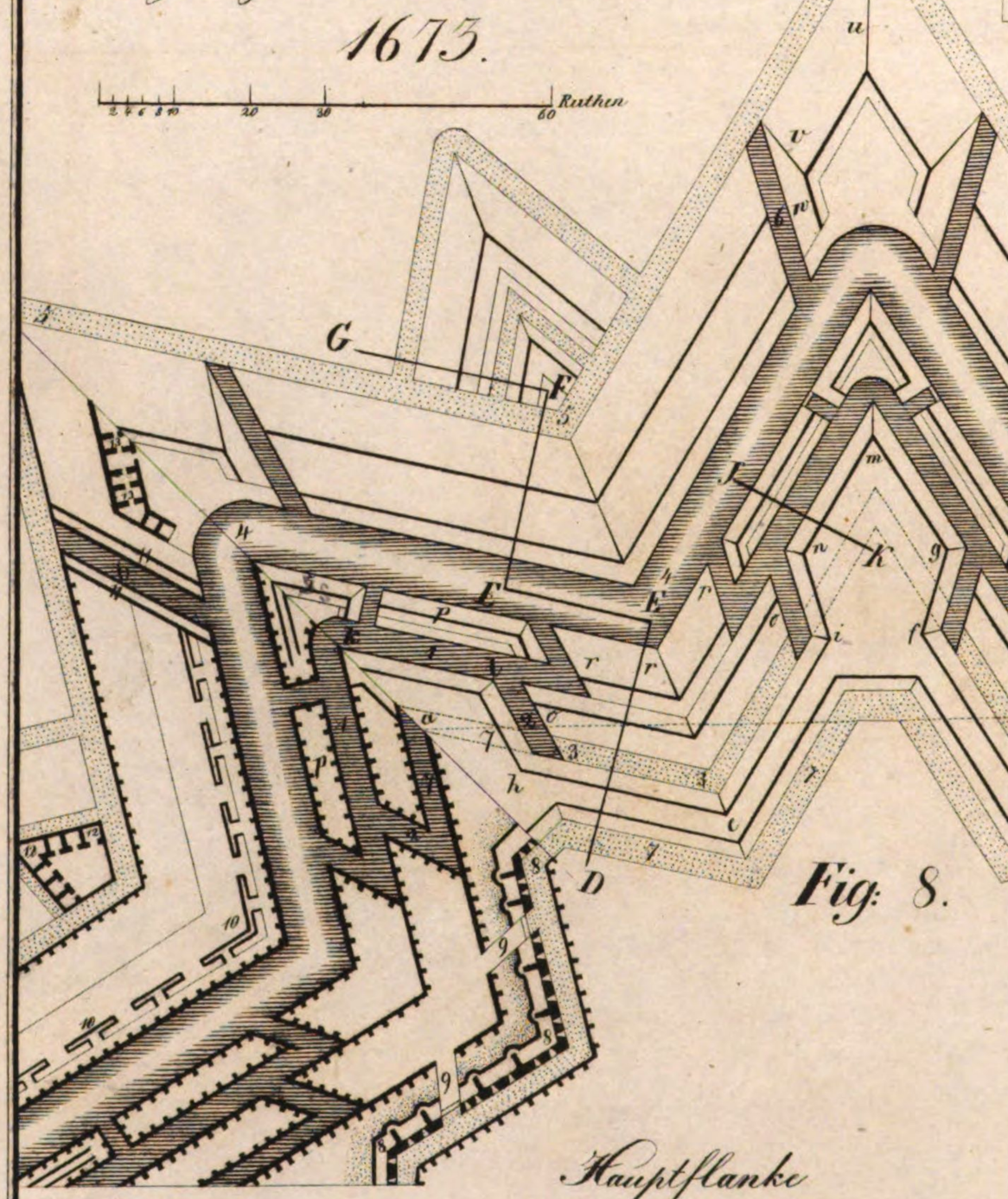
Steindr. v. E. Dettmers, Berlin.

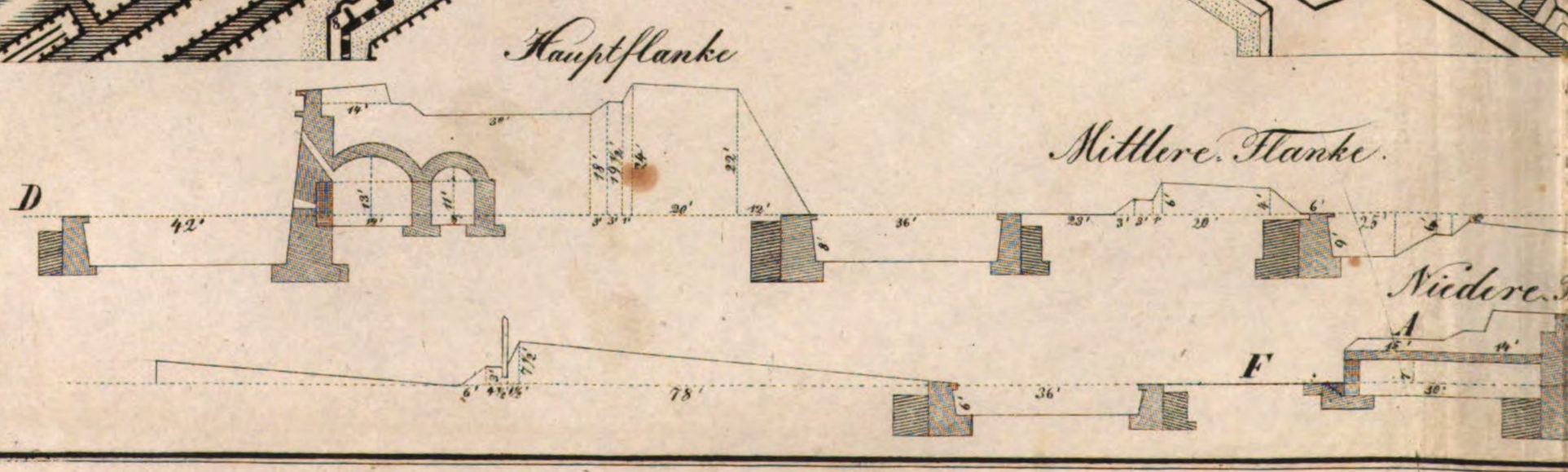


Erklärung der Nummern
1, Heiliges Grab.
2, Teich des Ezechias.
3, Lateinisches Kloster.
4, Kastell David's.
5, Pallast der Judenkönige.
6, Teich Bethesda u. St. Anna-Kloster.
7, Omar's Moschee.
8, Obere Teich.
9, Bogen des Ecce homo.
10, Maria's Grab.
11, Stephan's Grab.
12, Himmelfarths Kirche.
13, Josaphats Grab.
14, Absolon's Grab.
15, Zacharia's Grab.
16, Siloa Brunnen.
17, Nehemia's Brunnen.
18, Teich Bersaba.
19, Thor von Damascus.
20, Thor des Herodes oder Turkomannen.
21, Thor der St. Stephanis oder Schaafthor.
22, Thor des Tempels oder Josaphatthor.
23, Goldne Thor (verschlossen)
24, Düngerthor.
25, Thor Zion.
26, Thor Bethlehem.

Rimpler's Befestigung mit Mittelbollwerken 1673.







3.

Rhein Fl.

Fig: 6.

Antwerpen 1540.

Ruthen

Citadelle

Schelde

5.

igung

Fig: 7.

Valetta 1569.

St Elmo

Arsenal

Hafen

Fauſsbray

Enveloppe

M

Fig: 9.

Landsberg's Tenaillen System 1712.

Ruthen

M

Hauptgraben.

anke.

B

C

K

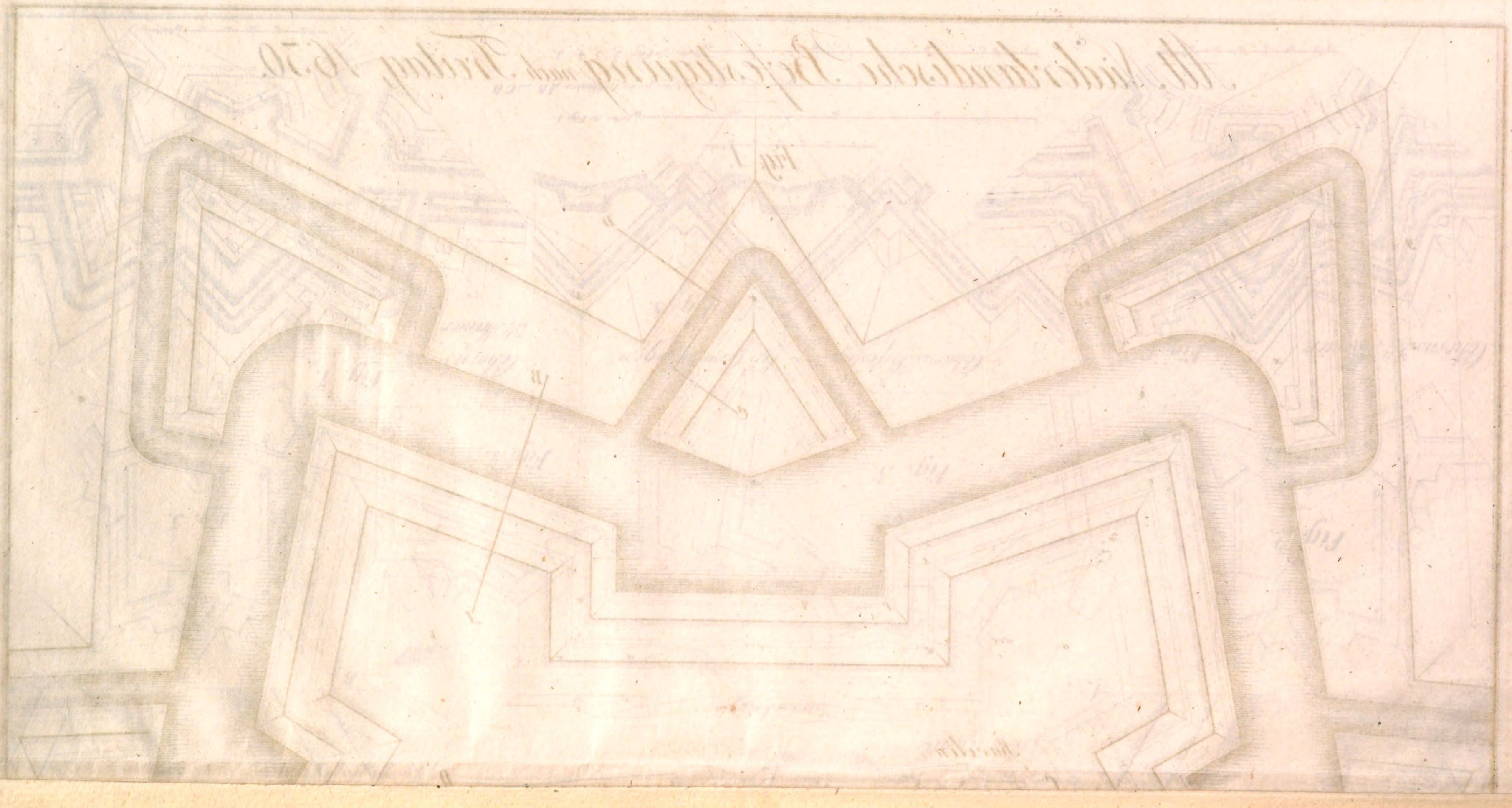
J

E

Für die Profile von Rimpler und Landsberg

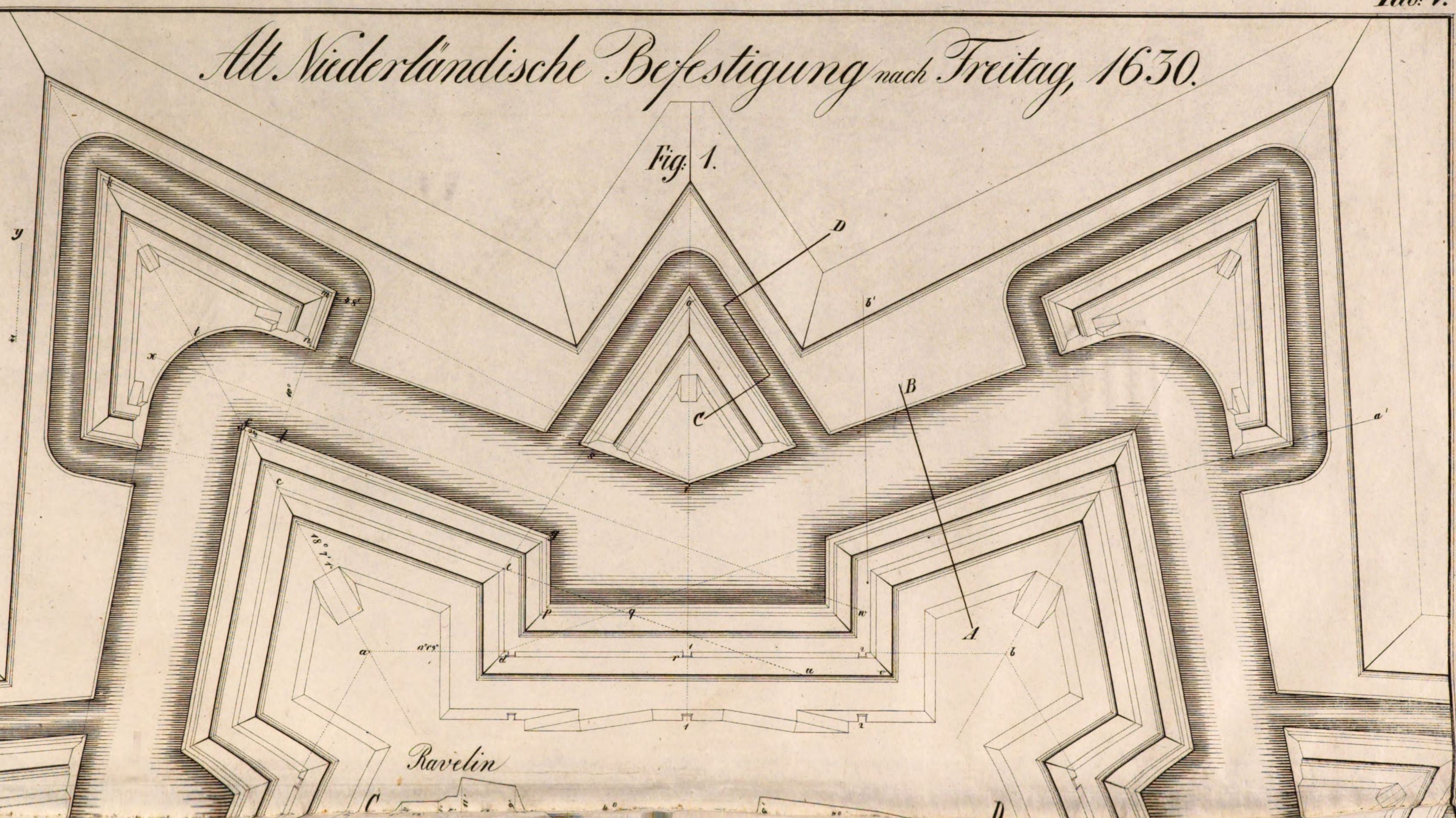
Ruthen.

Stindr. v. E. Dettmers in Berlin.



Alt Niederländische Befestigung nach Freitag, 1630.

Fig. 1.



Hauptwall

Faussebraye

A

B

Fig: 2.

Fig: 5.

Fig: 4.

Fig: 3.

Fig: 1.

Cohorns 2te Manier.

Fig: 6.

Cohorns Befestigung bei Groeningen

Fig: 8.

Cohorns 3te Manier.

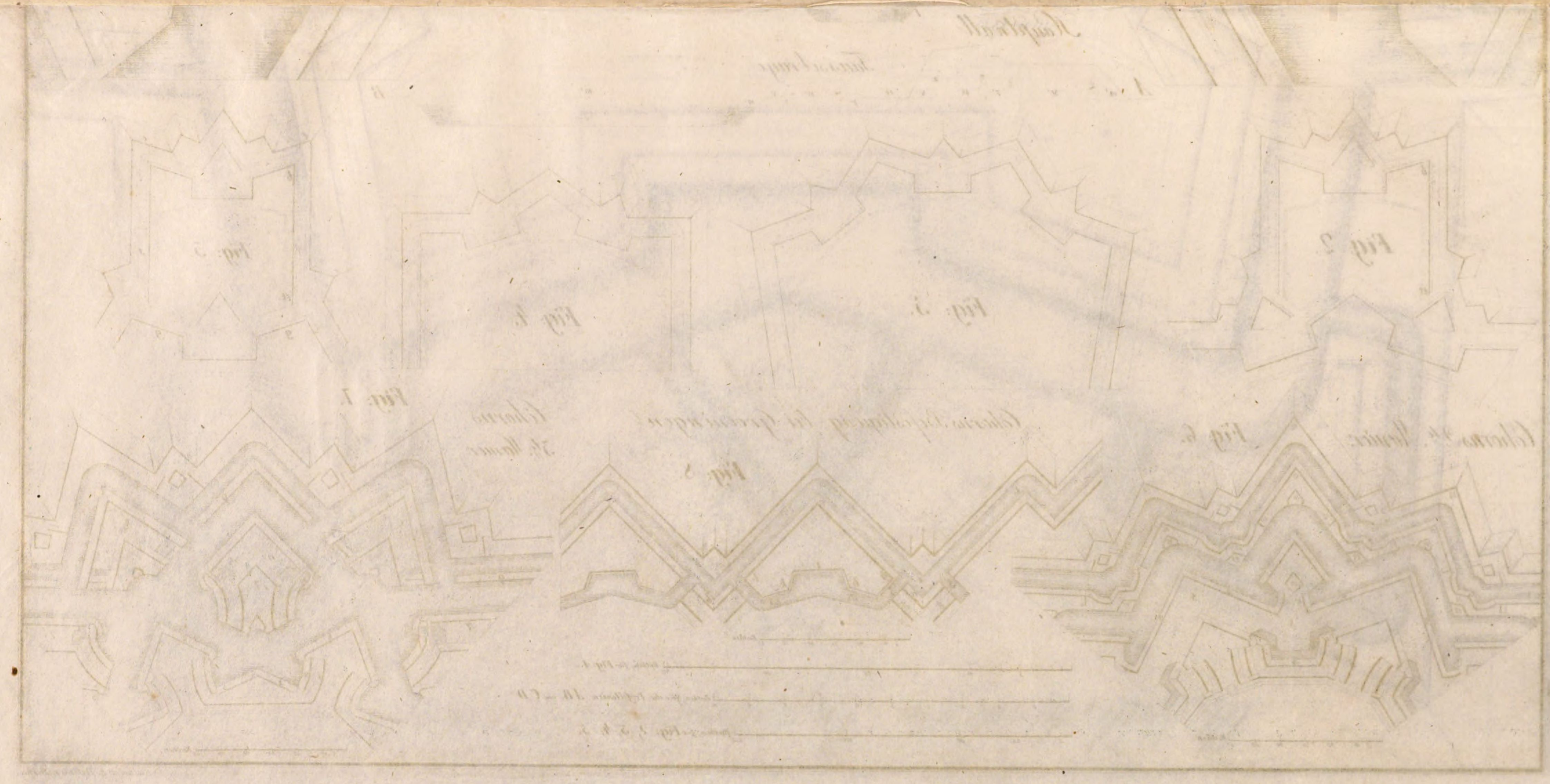
Ruthen.

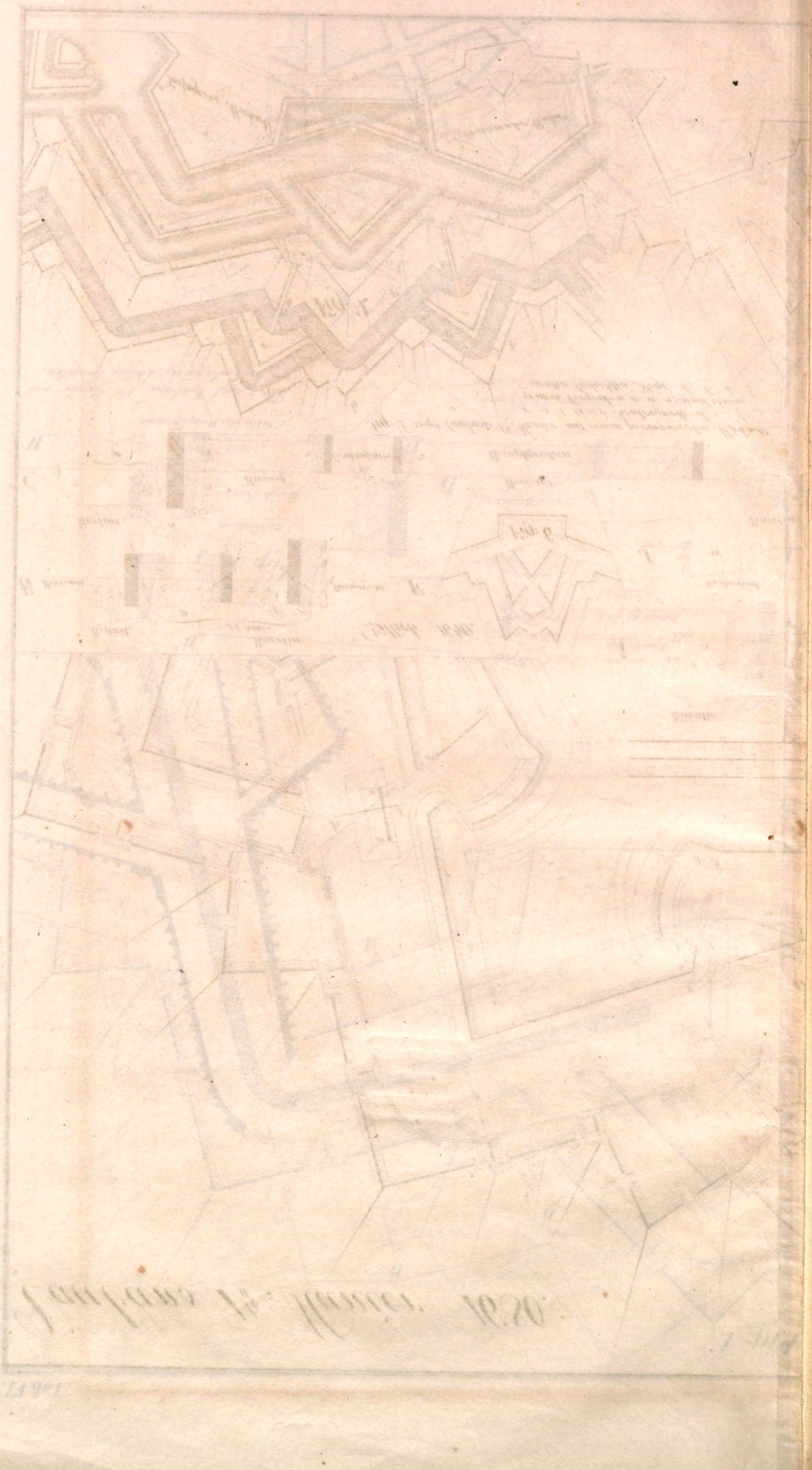
Ruthen, für Fig: 1.

Ruthen, für die Profillinien AB und CD

Ruthen, für Fig: 2, 3, 4, 5.

Steindr. v. E. Dellmers in Berlin.





Vaubans 1te Manier 1680.

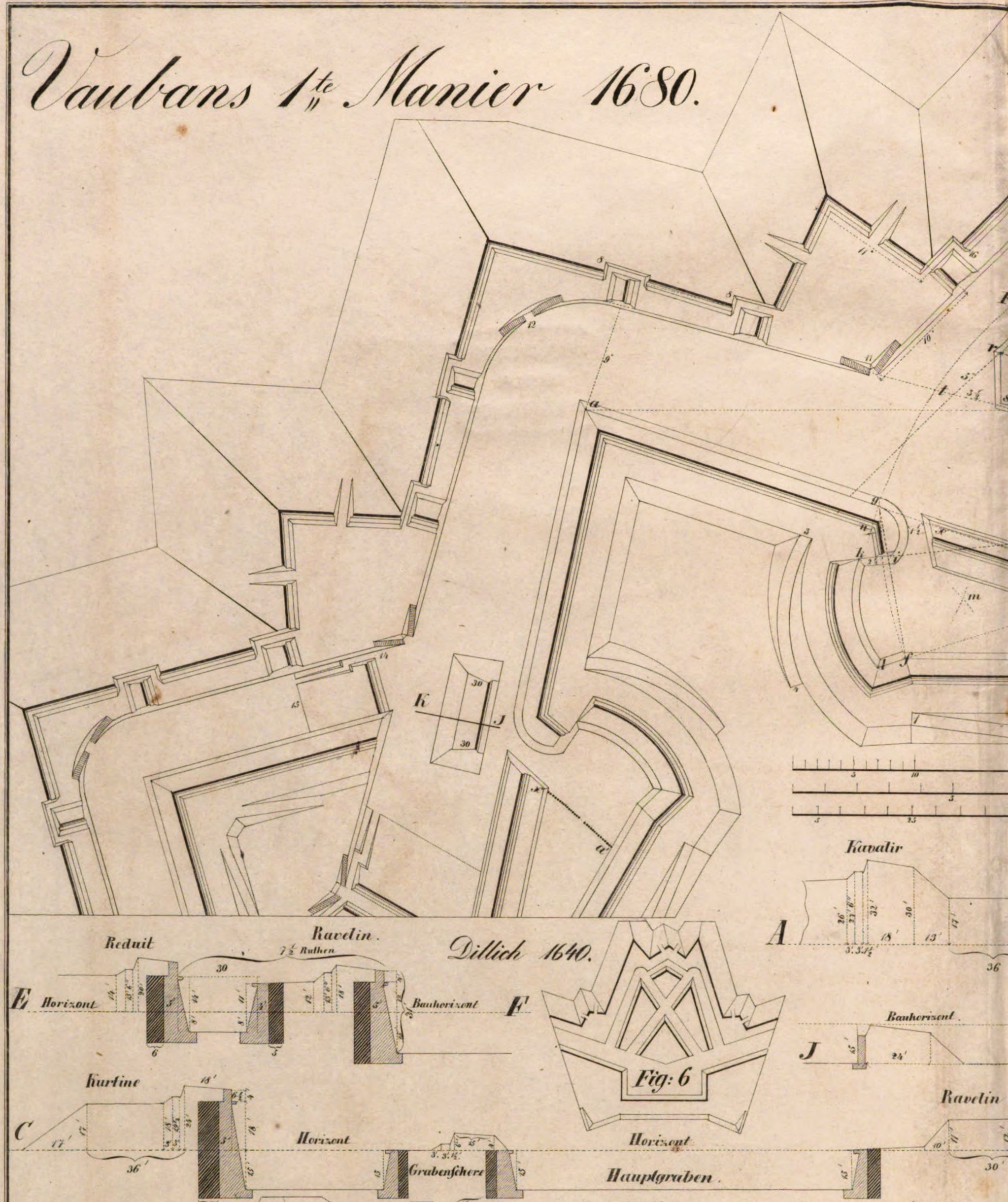
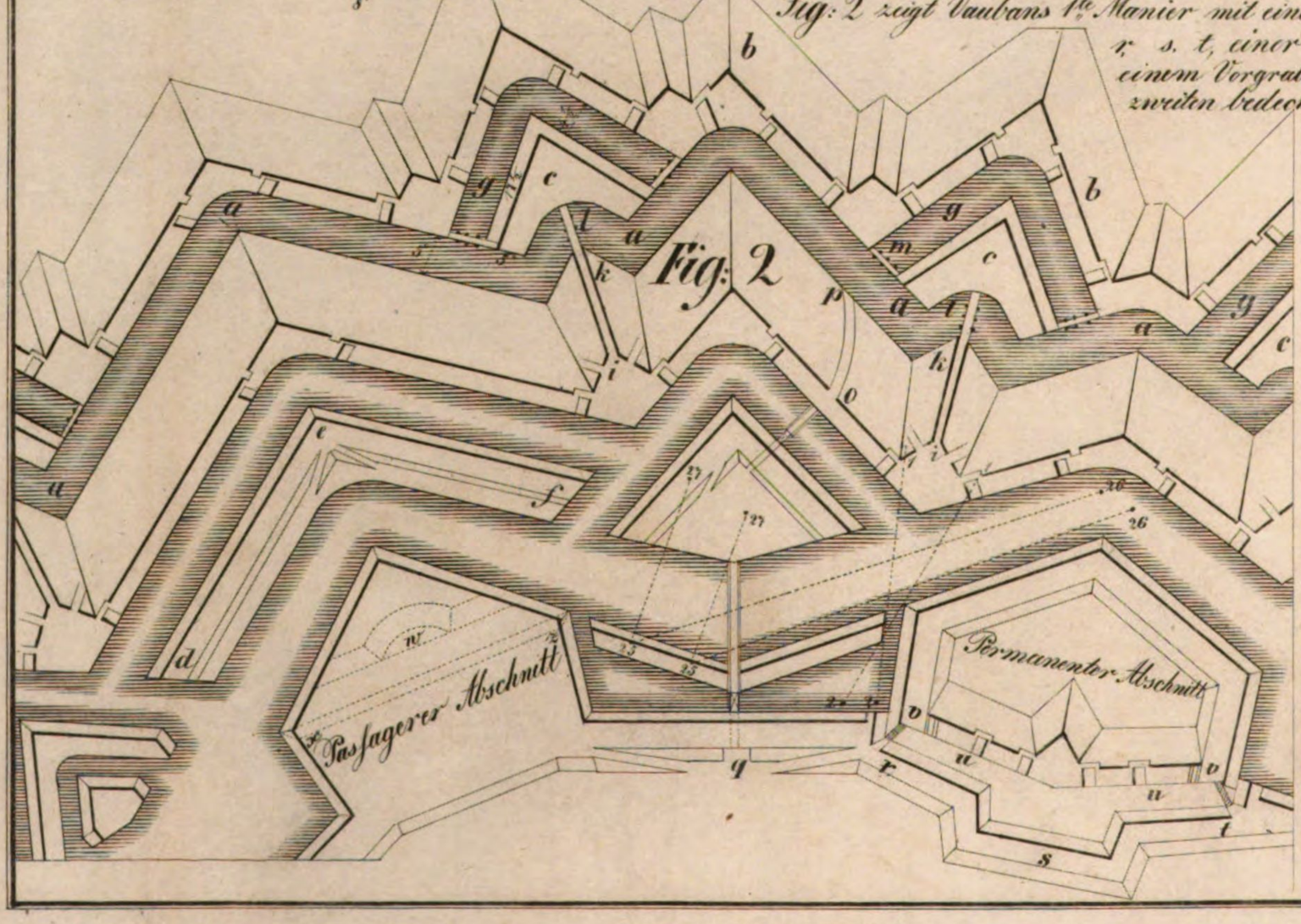


Fig: 2 zeigt Vaubans 1te Manier mit einem permamenten Abschnitt r. s. t, einer Kontregarde d. e. f, einem Vorgraben a. a. a, und einem zweiten bedeckten Wege b. b. b.



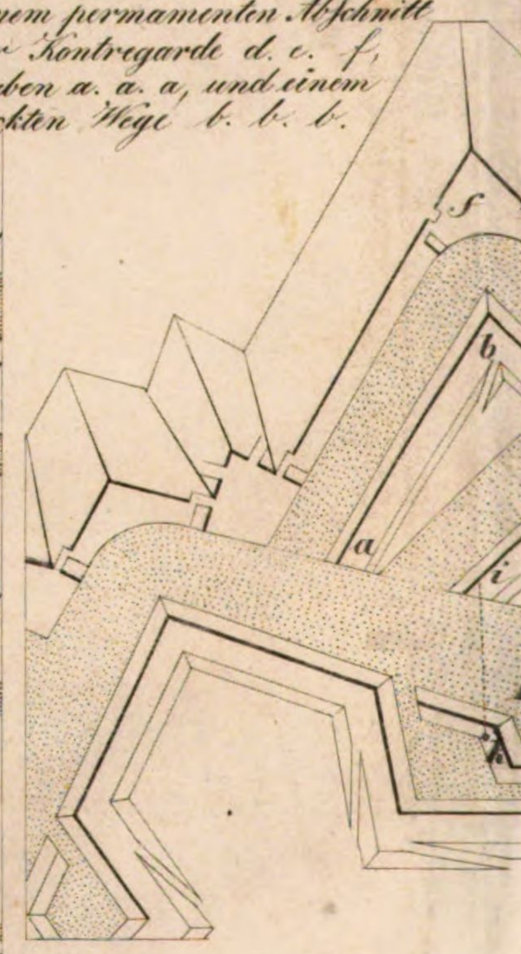


Fig: 1.

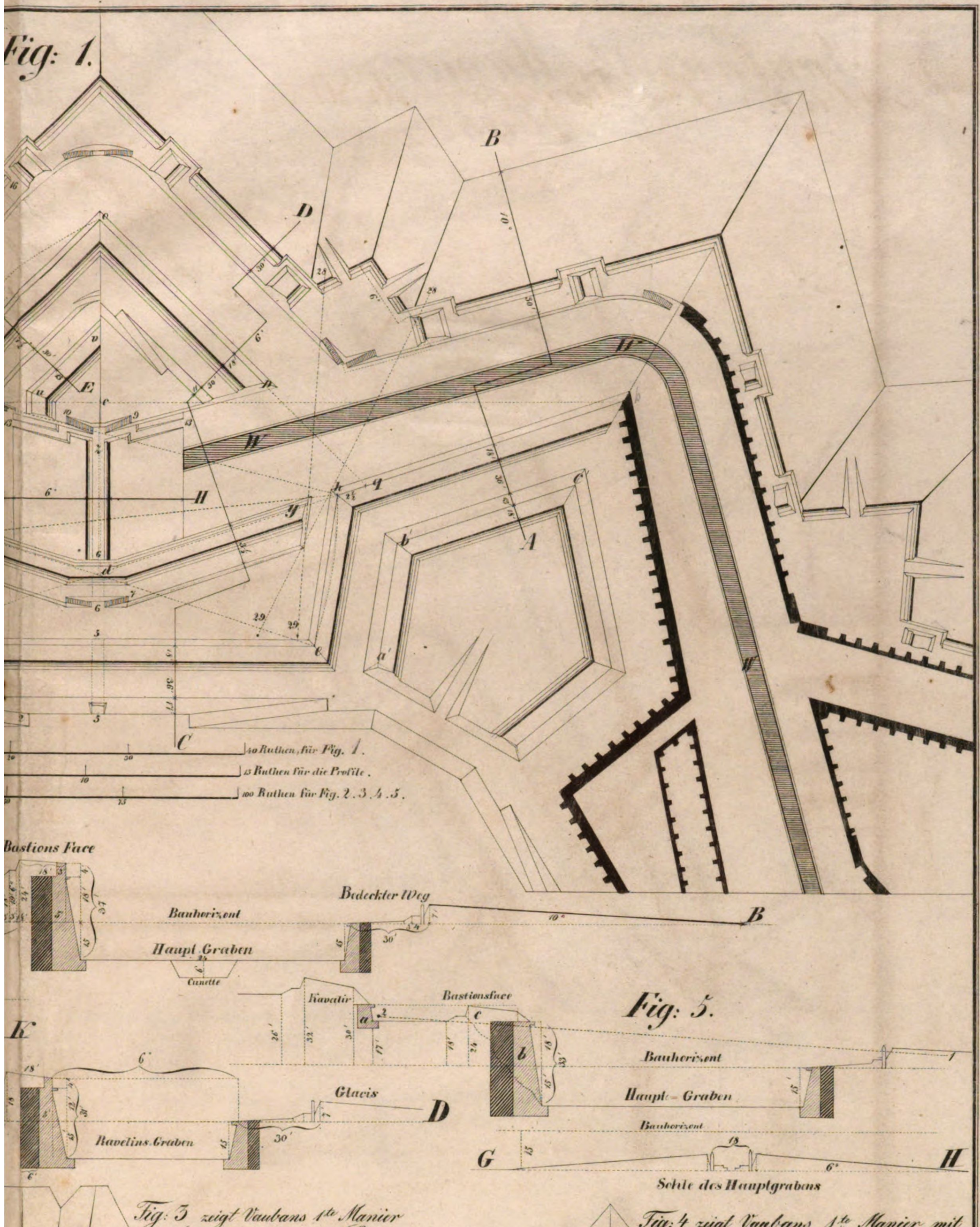


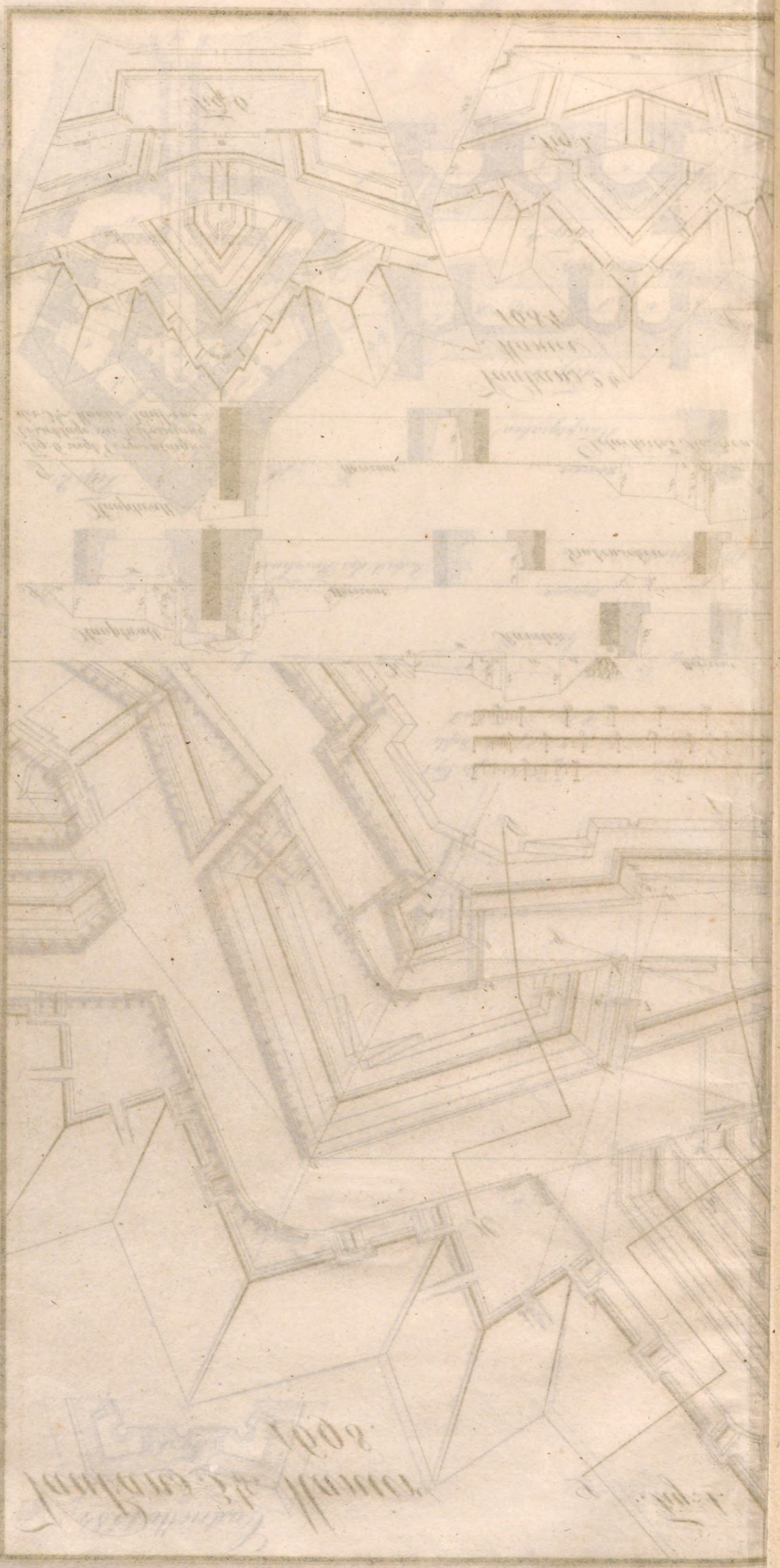
Fig: 5.

Fig: 3 zeigt Vaubans 1te Manier mit Anwendung der grossen Lunetten.

Fig: 4.

Fig: 4 zeigt Vaubans 1te Manier mit Anwendung der kleinen Lunetten.

Steindr. v. E. Dettmer's Berlin.



Vaubans 3te Manier 1698.

Fig: 1.

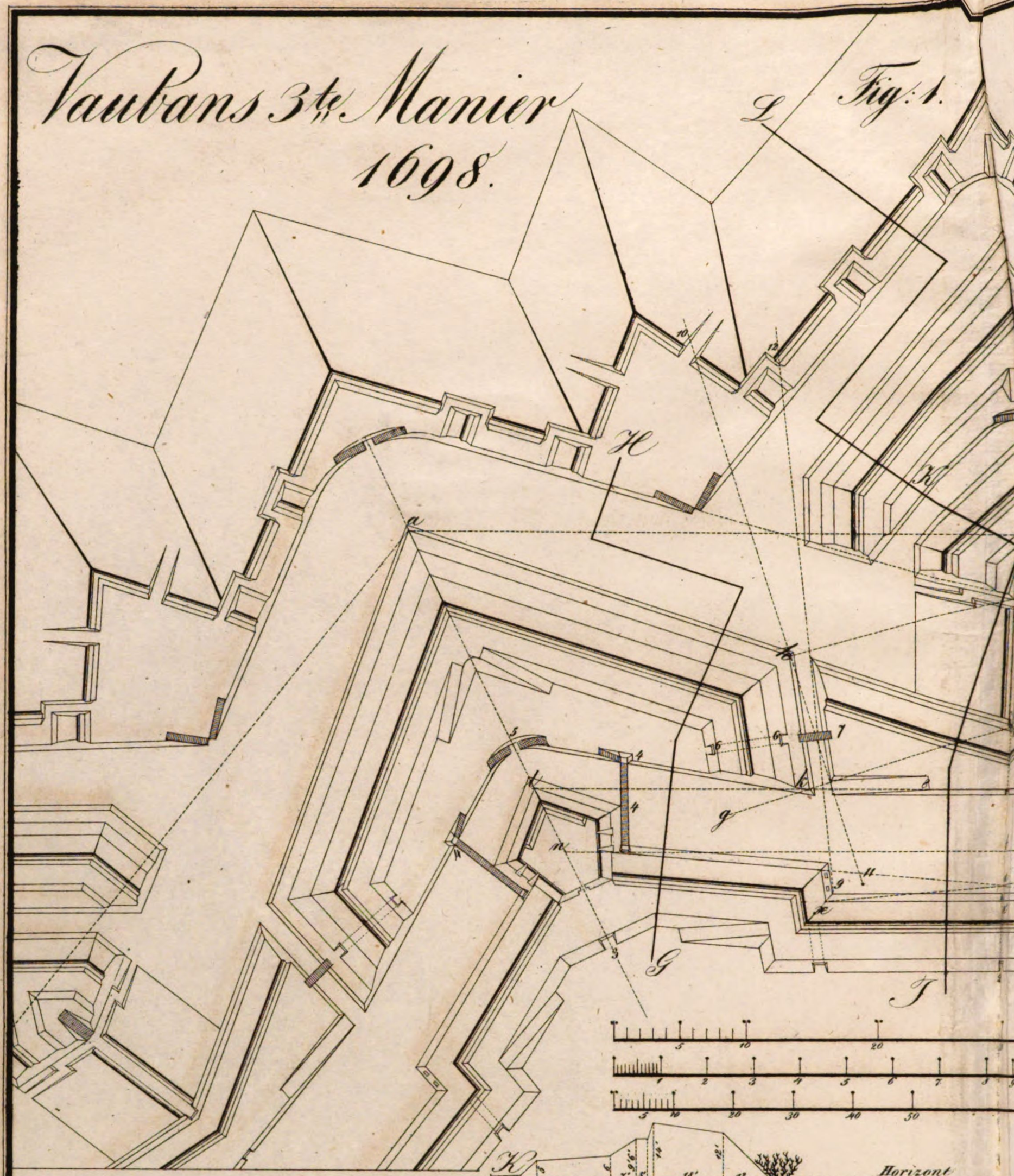


Fig: 6 zeigt Cormontaignes Vorschläge zur Verbesserung der 3ten Manier Vaubans

Fig: 6.

Vaubans 2te Manier 1684.

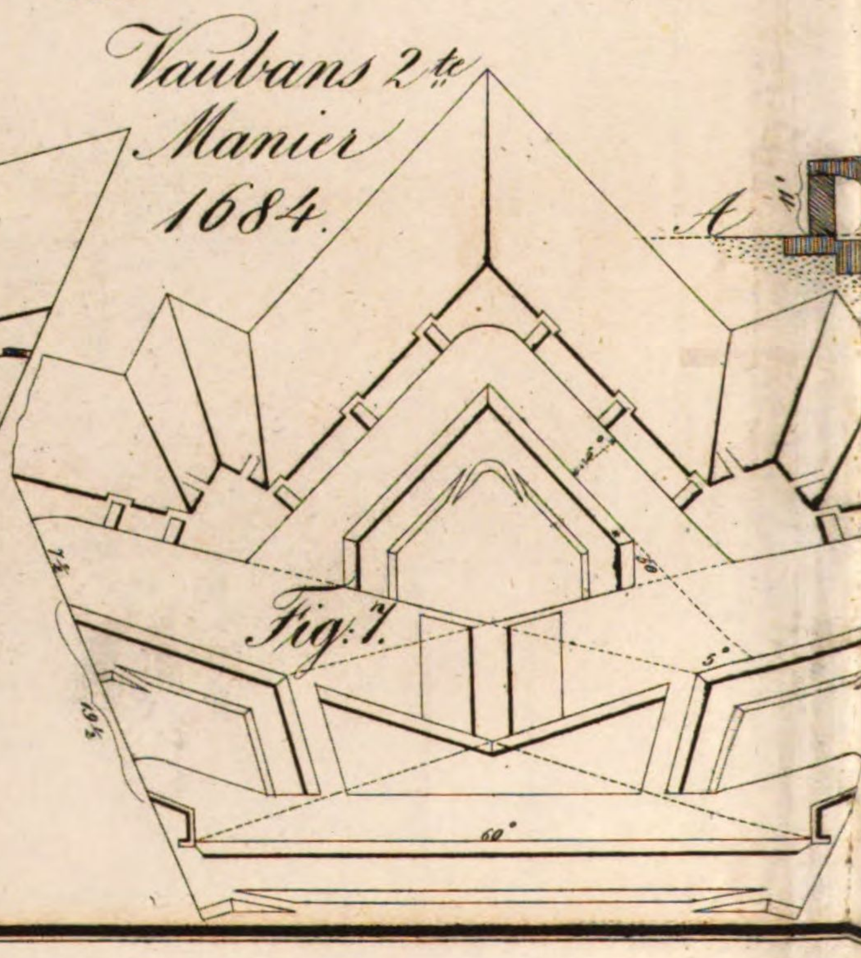
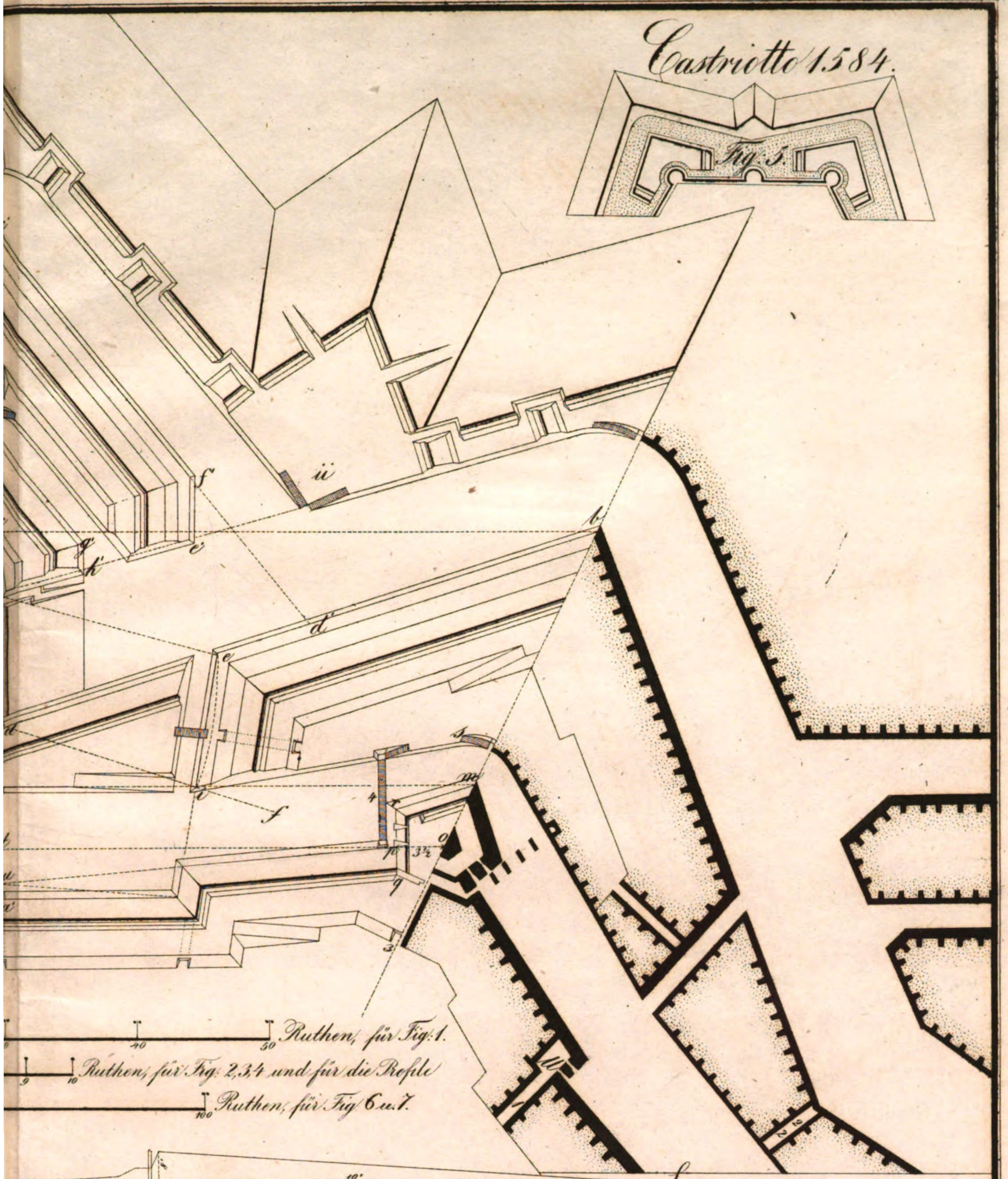


Fig: 7.

Castriotto 1584.



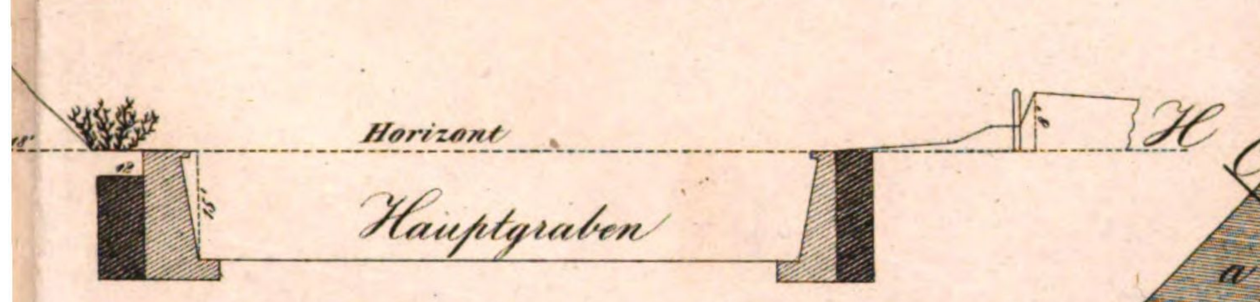


Fig: 2.

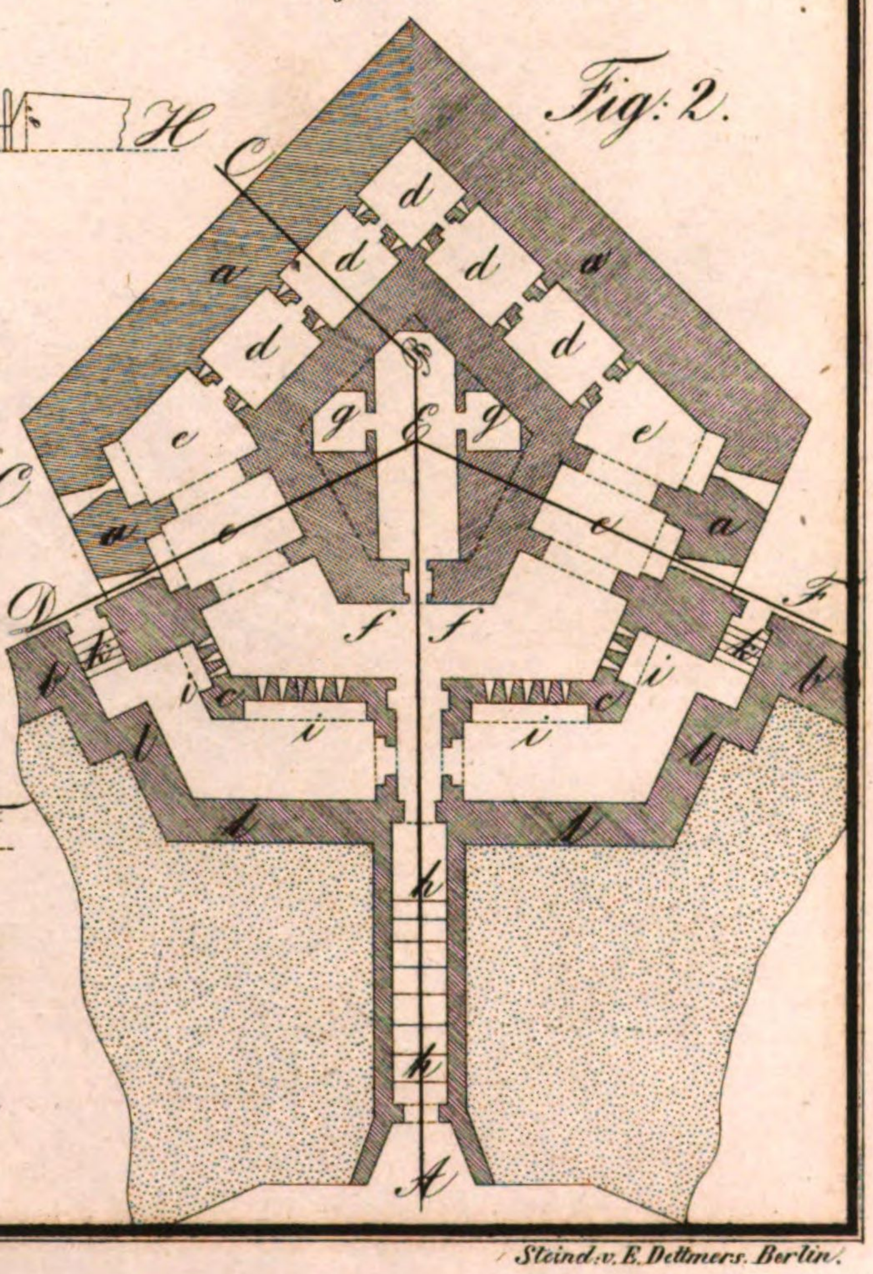


Fig: 3.

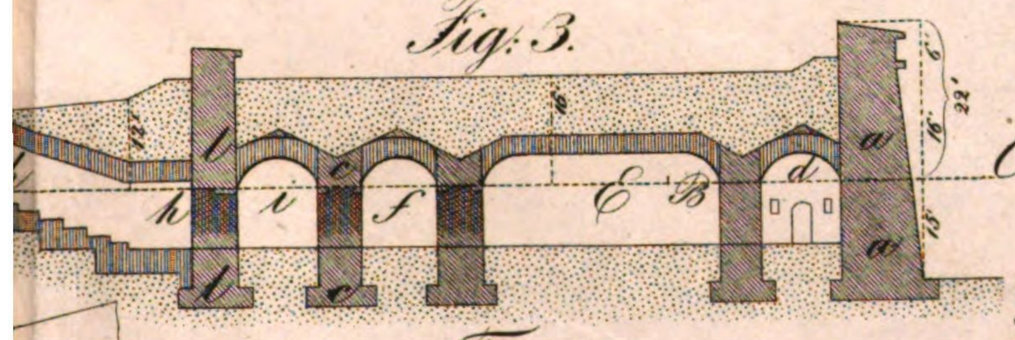
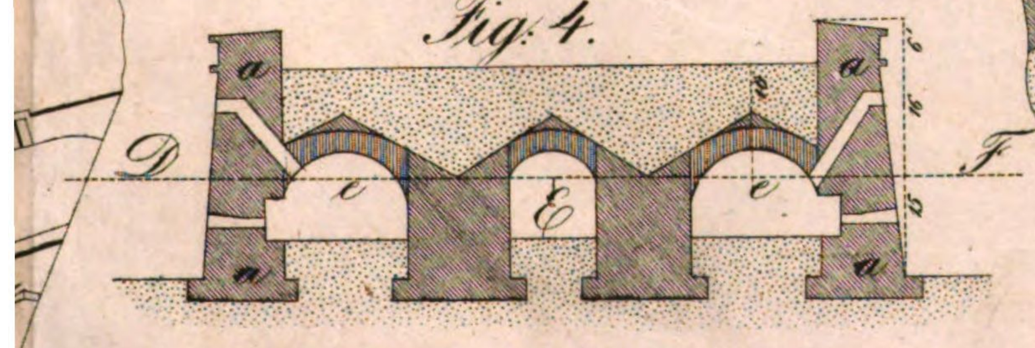
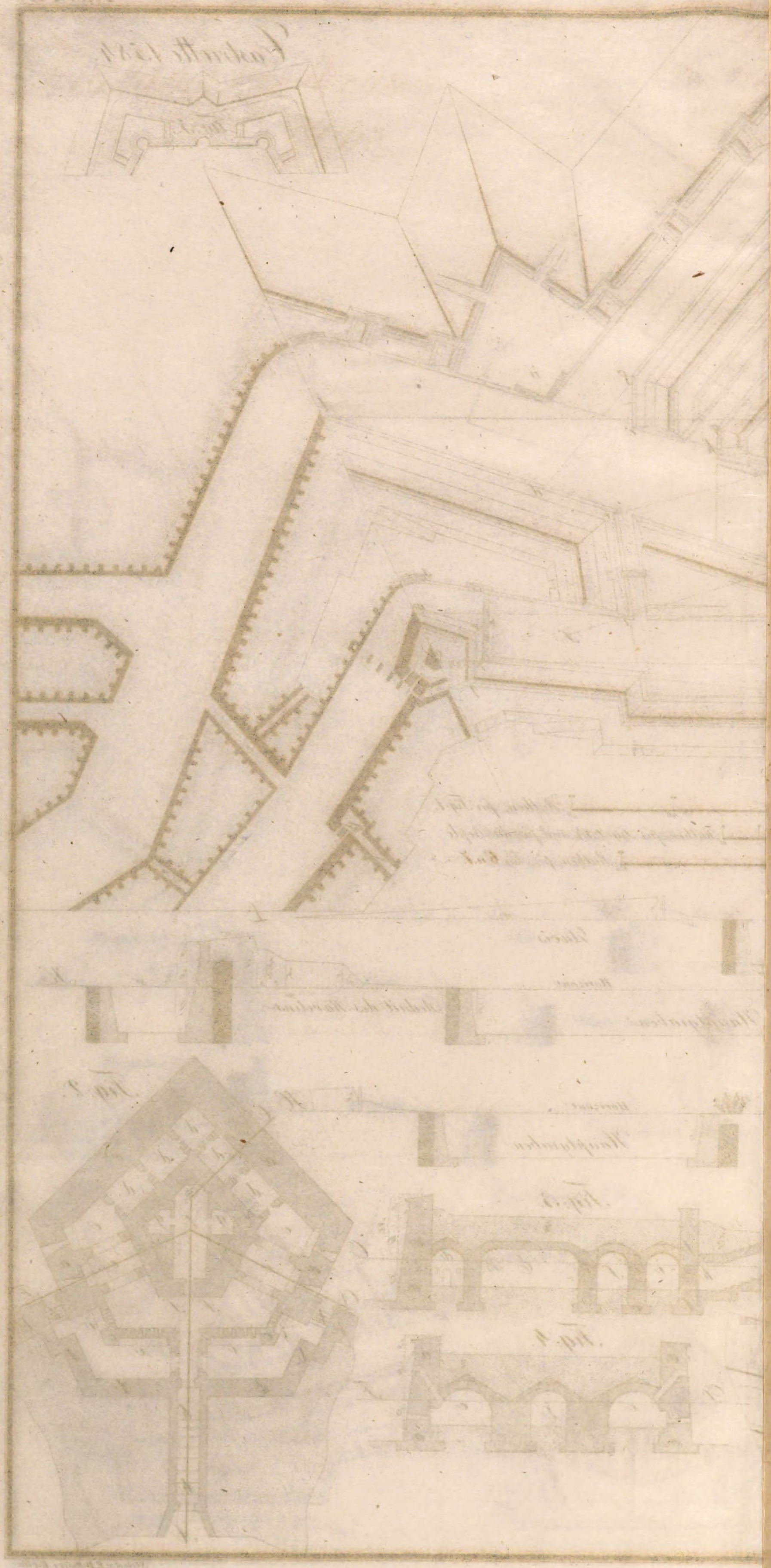
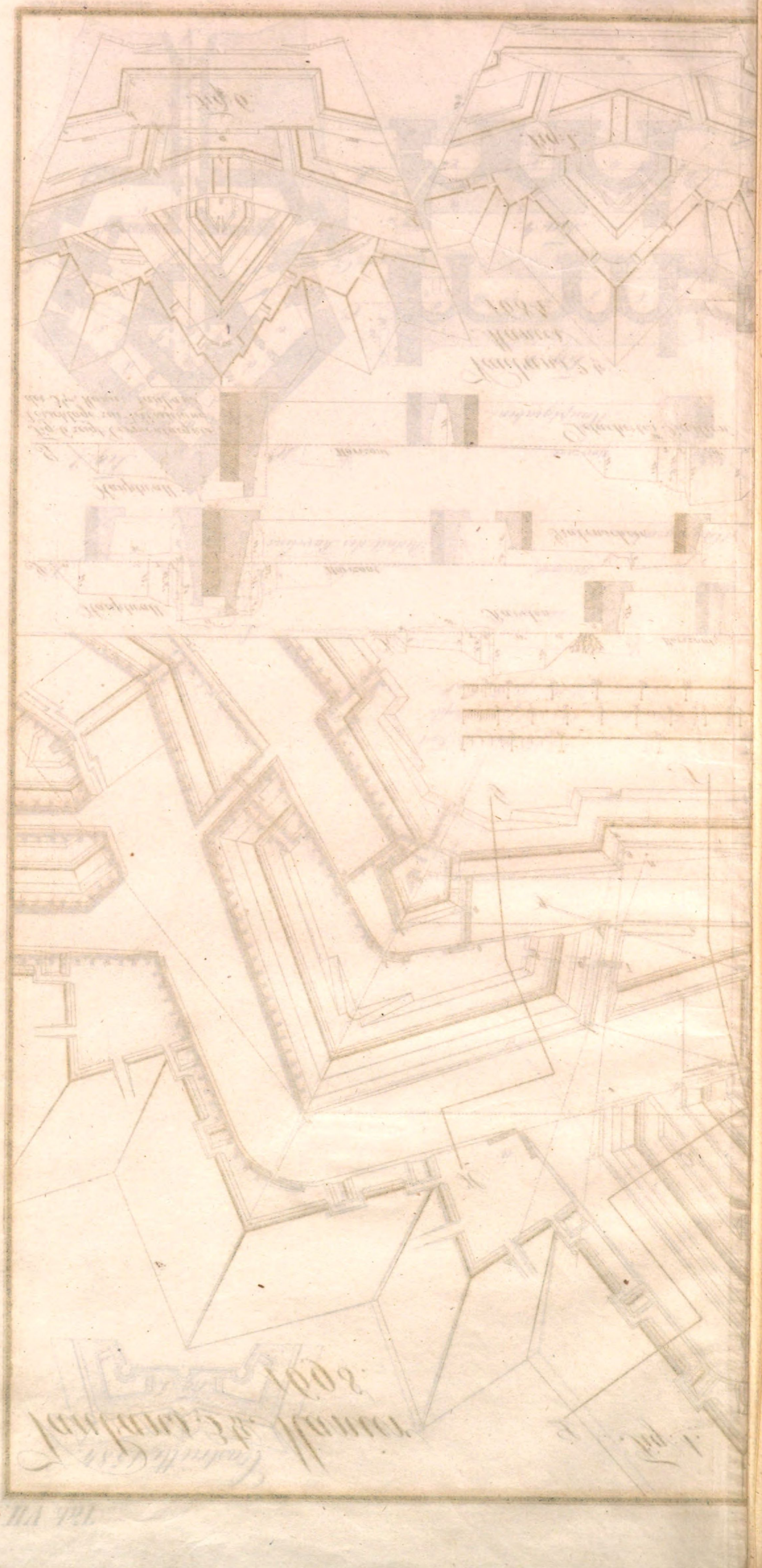


Fig: 4.



Steind. v. E. Dellmers. Berlin.





Vaubans 3te Manier 1698.

Fig: 1.

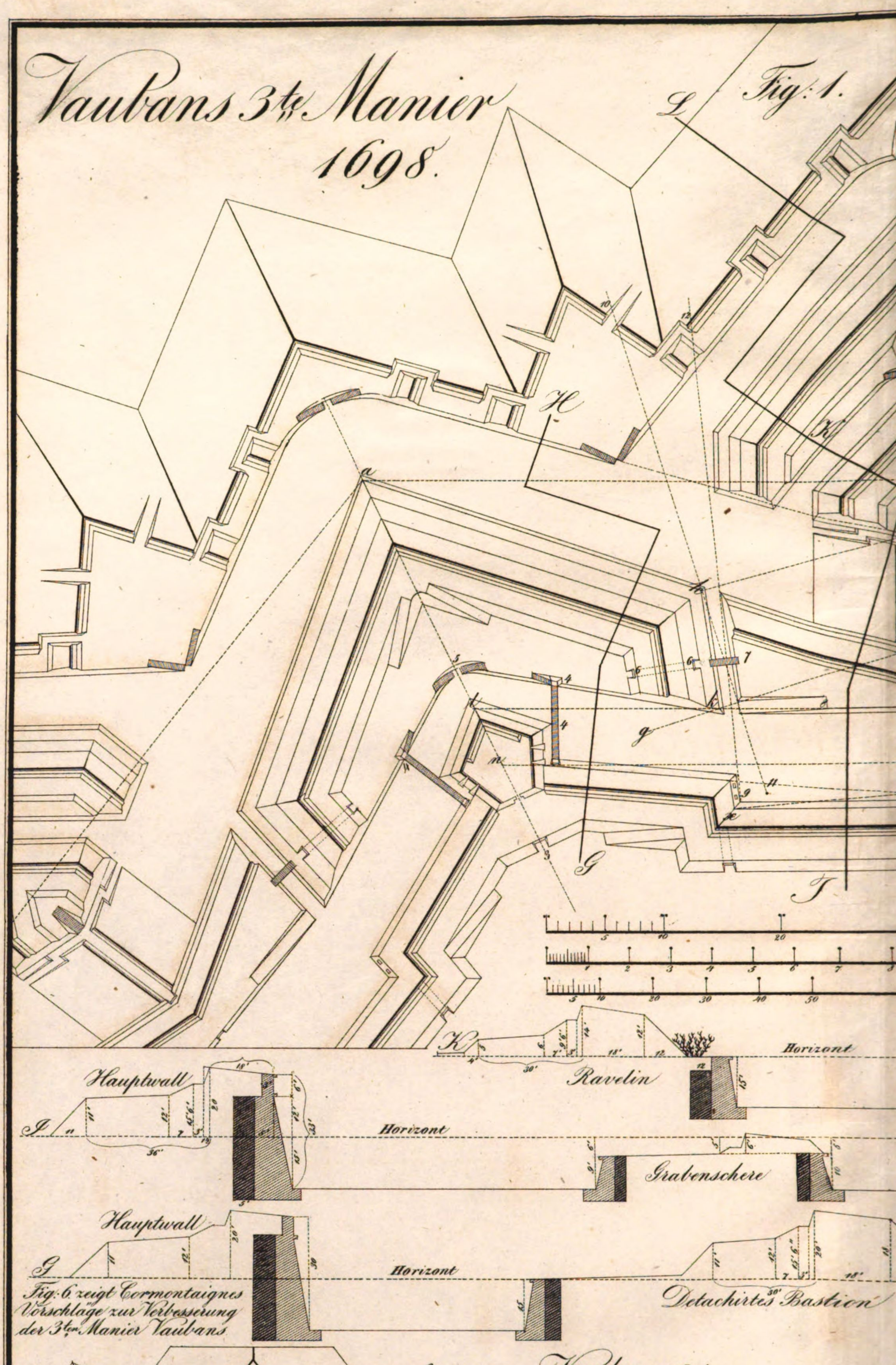


Fig: 6 zeigt Cormontaignes Vorschläge zur Verbesserung der 3ten Manier Vaubans

Vaubans 2te Manier 1684.

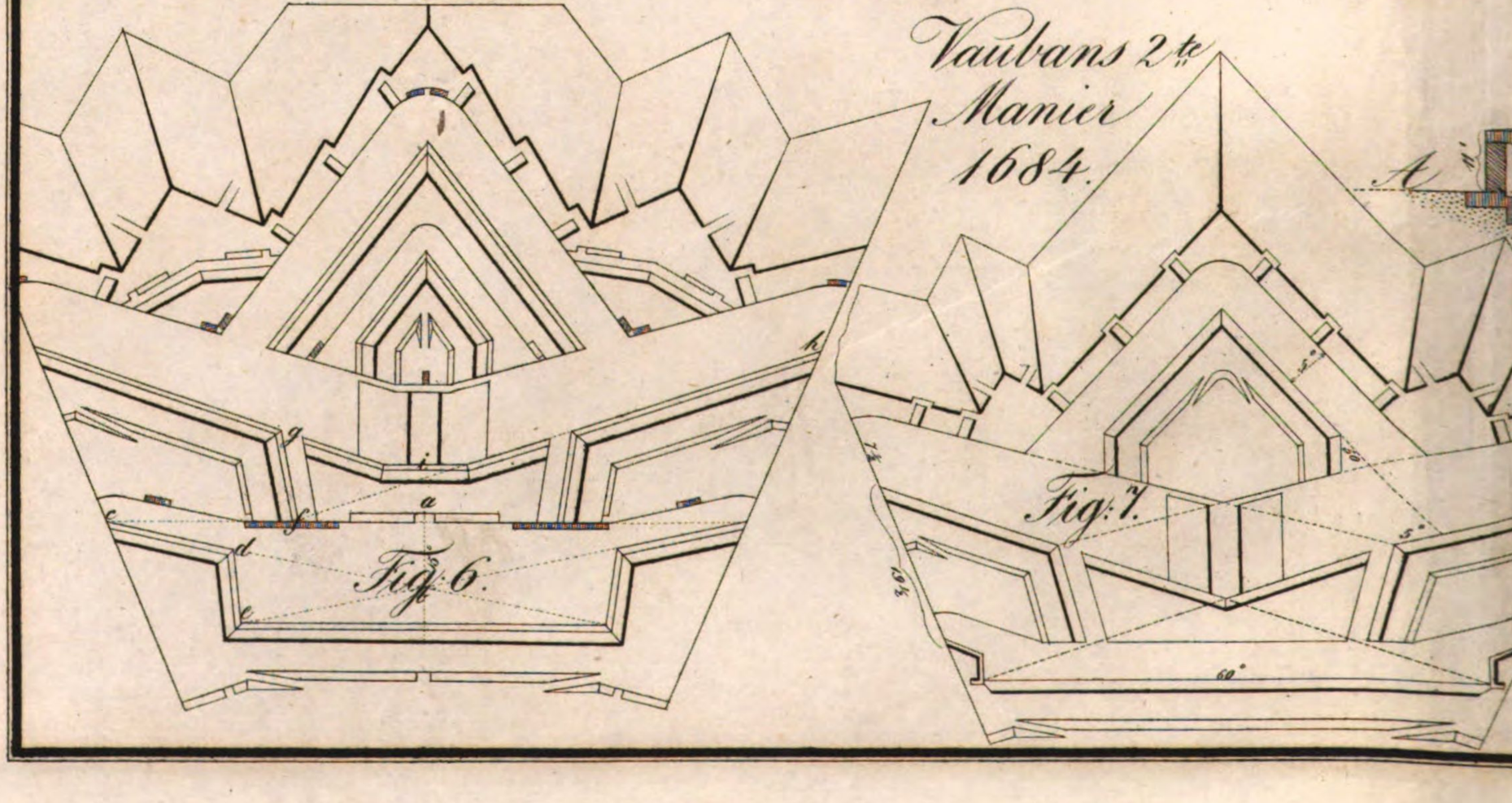


Fig: 6.

Fig: 7.

Castriotto 1584.

Fig: 5.

Ruthen, für Fig: 1.

Ruthen, für Fig: 2, 3, 4 und für die Profile

Ruthen, für Fig: 6 u. 7.

Glacis

Horizont

Hauptgraben

Reduit des Ravelins

Horizont

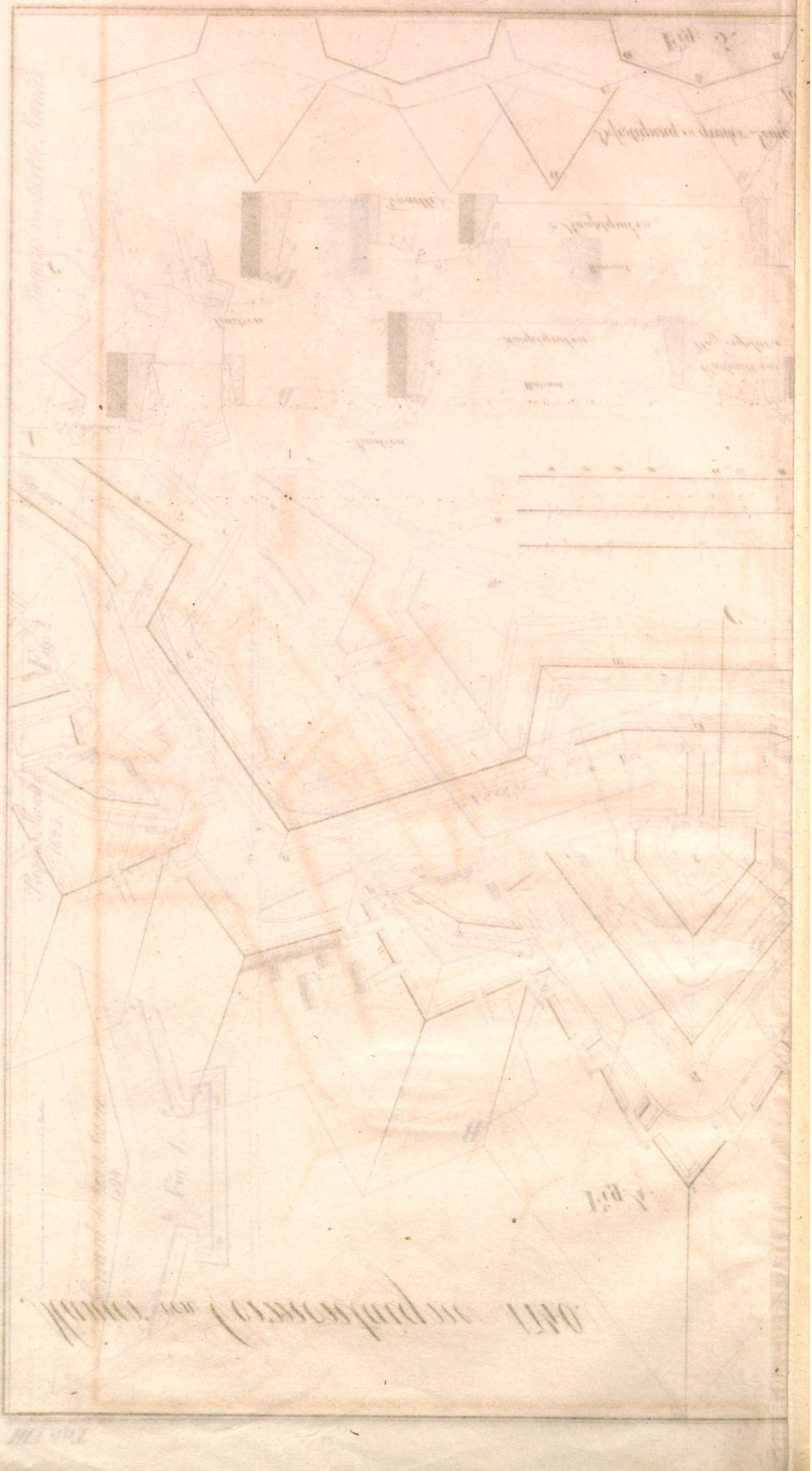
Hauptgraben

Fig: 2.

Fig: 3.

Fig: 4.

Steind. v. E. Dettmers. Berlin.



Manier von Cormontaigne 1740.

Fig: 4.

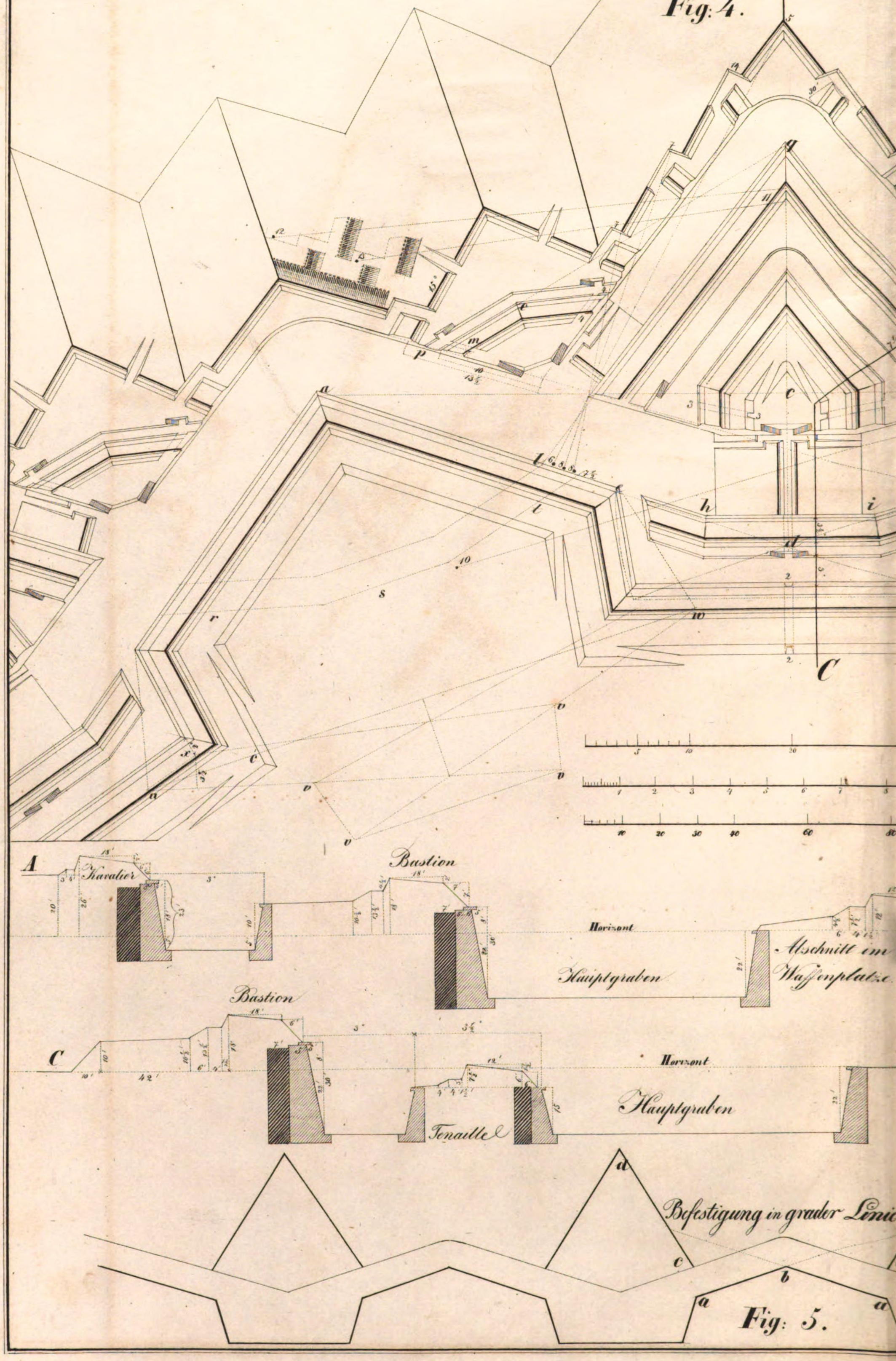


Fig: 5.

9

Pagans. Manier.

Fig: 1.

B

D

A

a

b

b

c

d

e

f

g

g

y

z

1

1

2½

3½

3

7½

7½

Ruthen für Fig. 4.

Ruthen für die Profile A B und C D von Fig. 1.

Ruthen für Fig: 5.

Reduit des Ravelins

Ravelin.

Fig: 2.

Pagans. Manier. 1645.

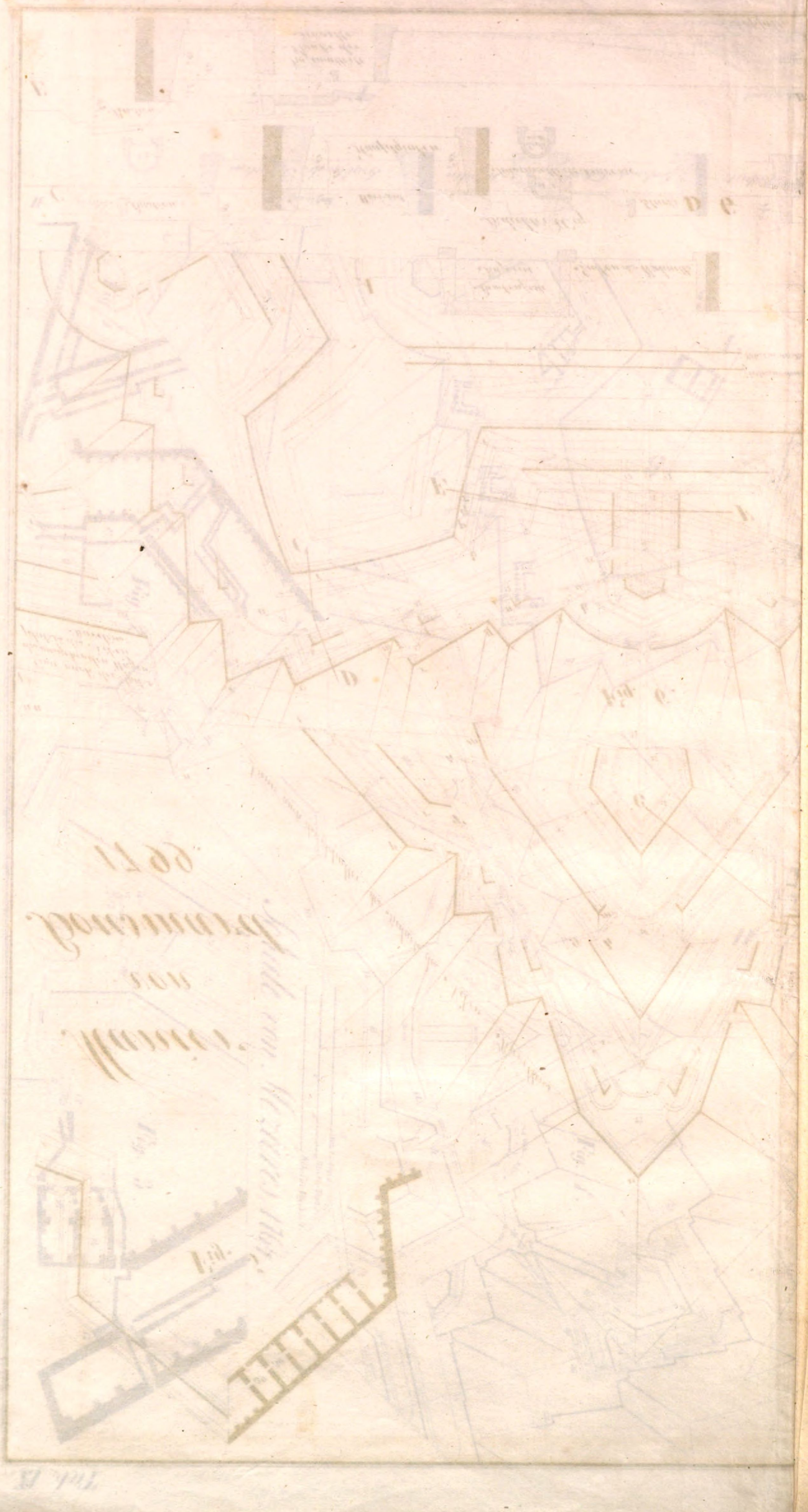
Ruthen für Fig 2 und 3.

Fig: 3.

Pagans verstärkte Manier.

Ruthen für Fig: 6.

Steindr. v. E. Dellmers in Berlin.



Tab. IX

Manier von Bousmard 1799.

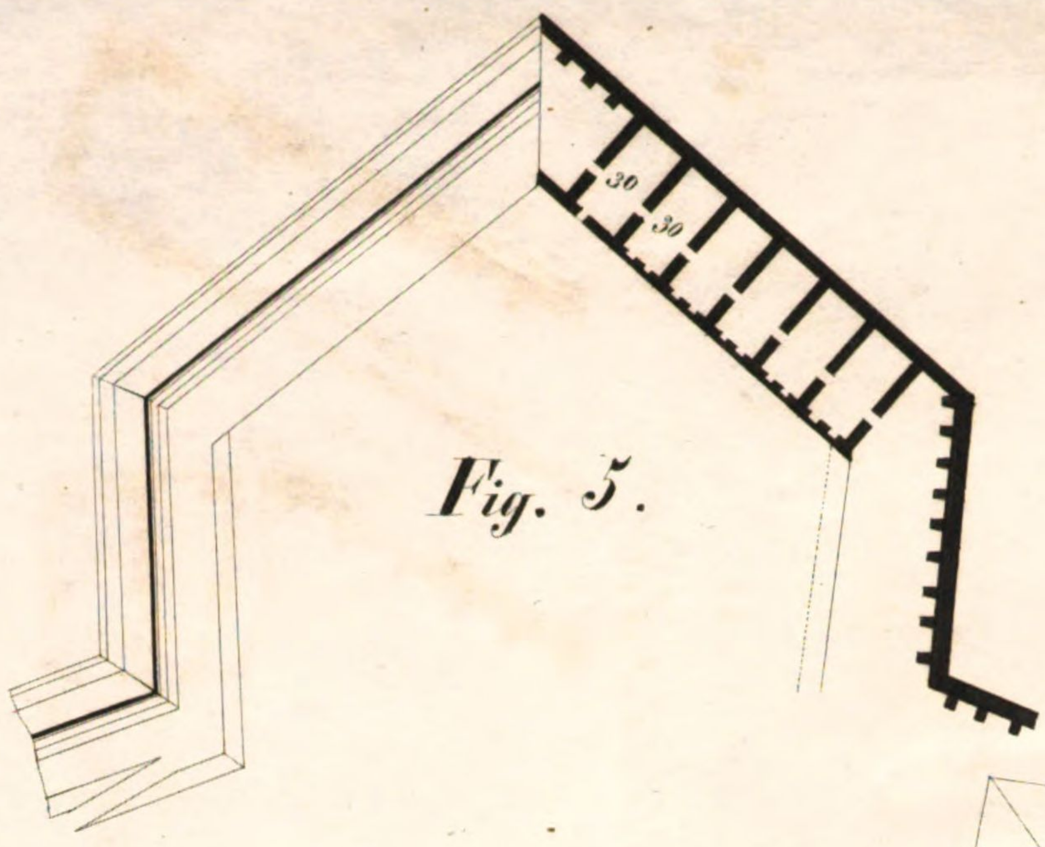


Fig. 5.

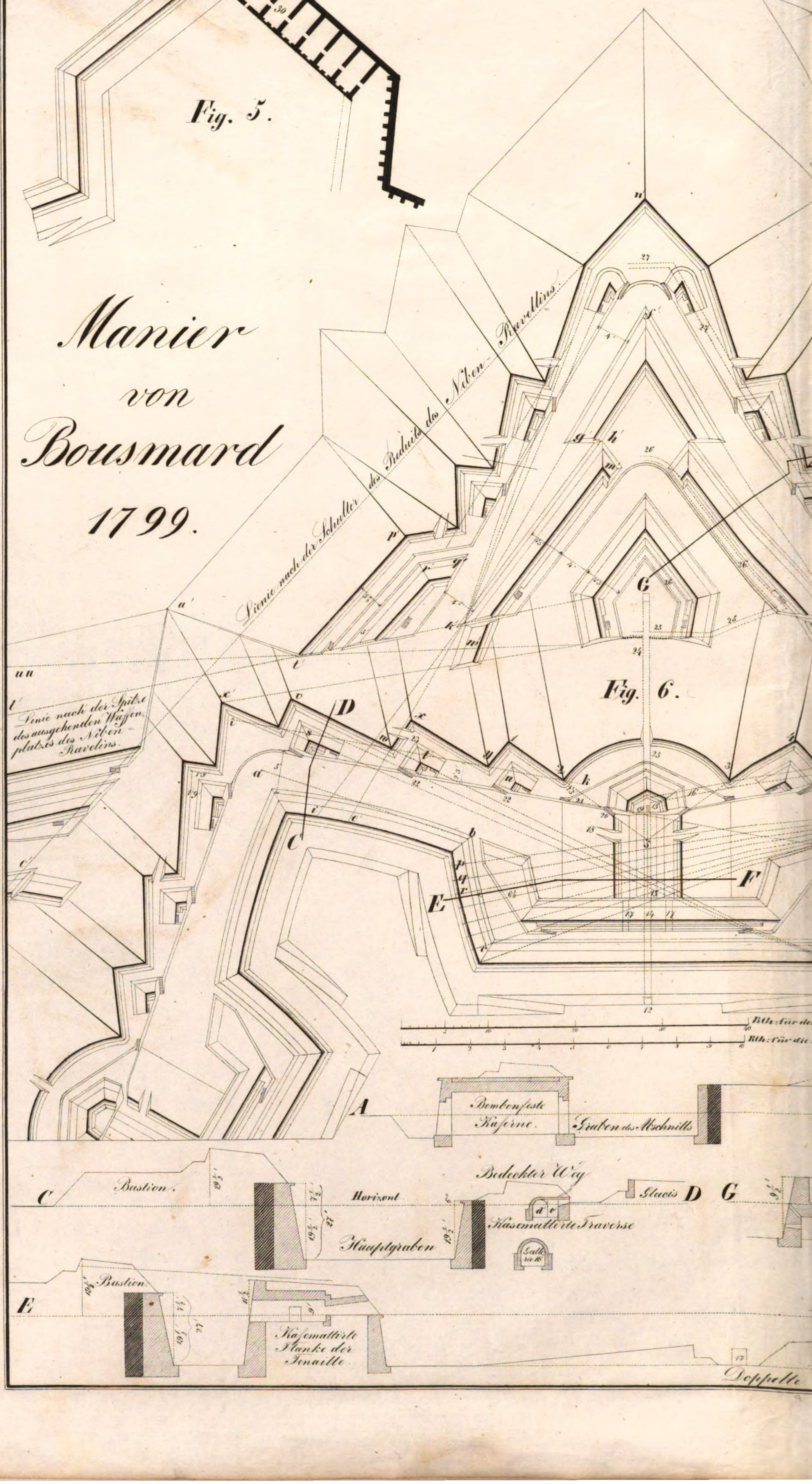


Fig. 6.

Schule von Metzines, 1764.

Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

Rth. für Fig. 1.

Rth. für Fig. 2.3

Rth. für Fig. 3 u. 4.

Grundriss.

Aufriss.

Horizont.

Glacis

Reduit

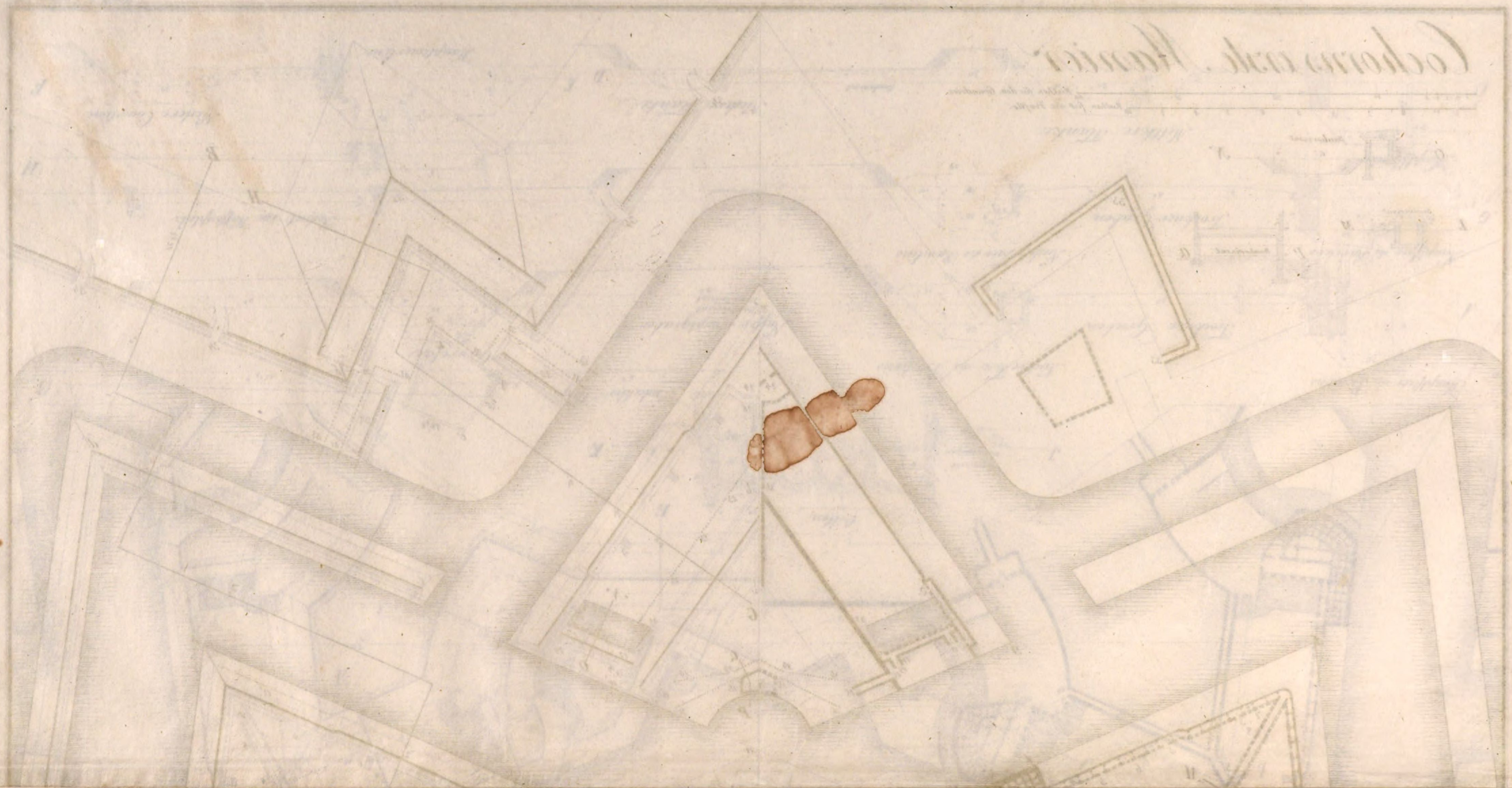
Graben des Reduits

Ravelin

Graben des Ravelins

Kaponiere.

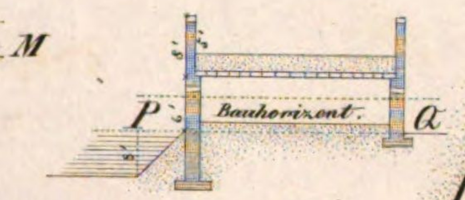
Steindr. v. E. Dellmers. Berlin.

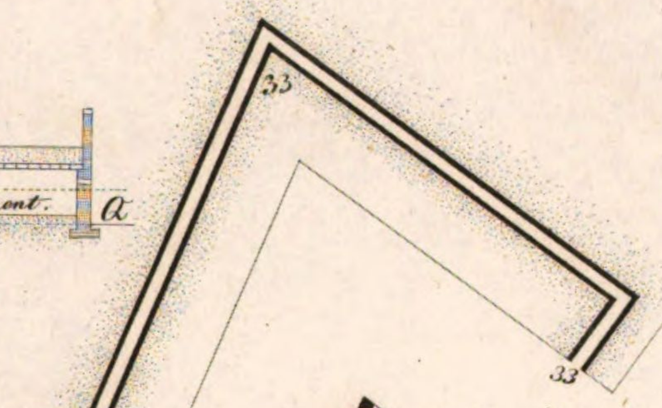


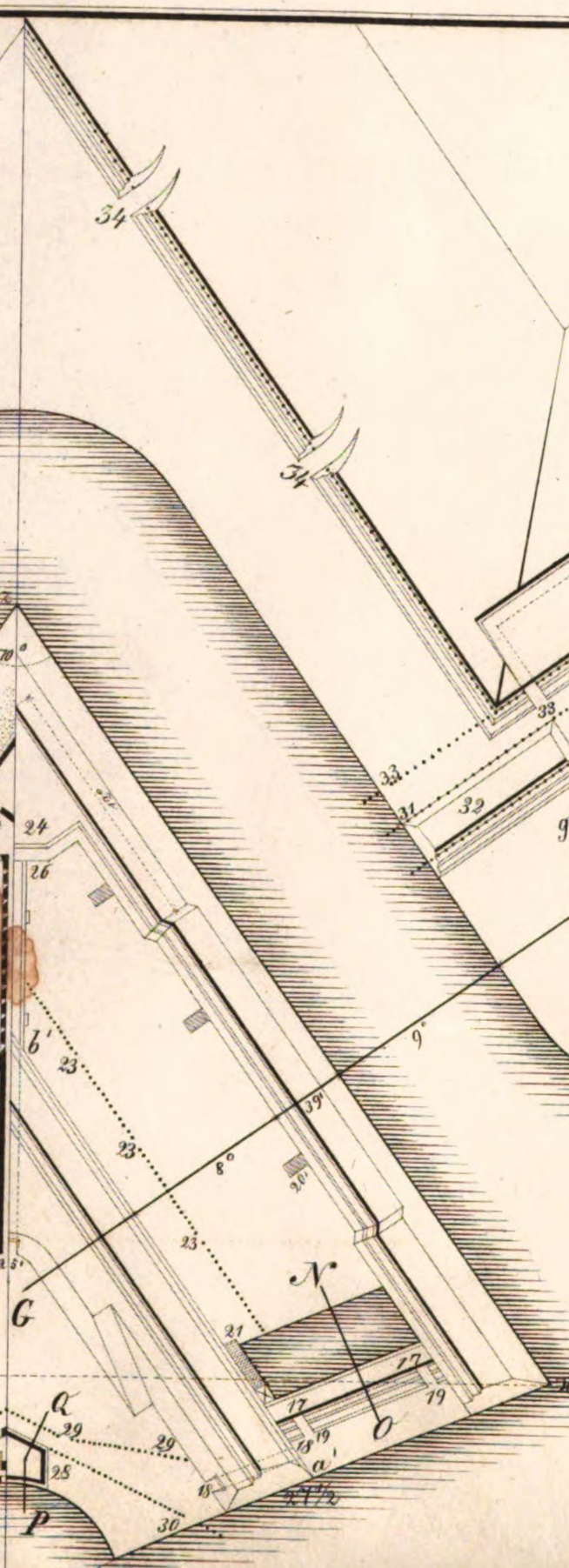
Cochorns erste Manier

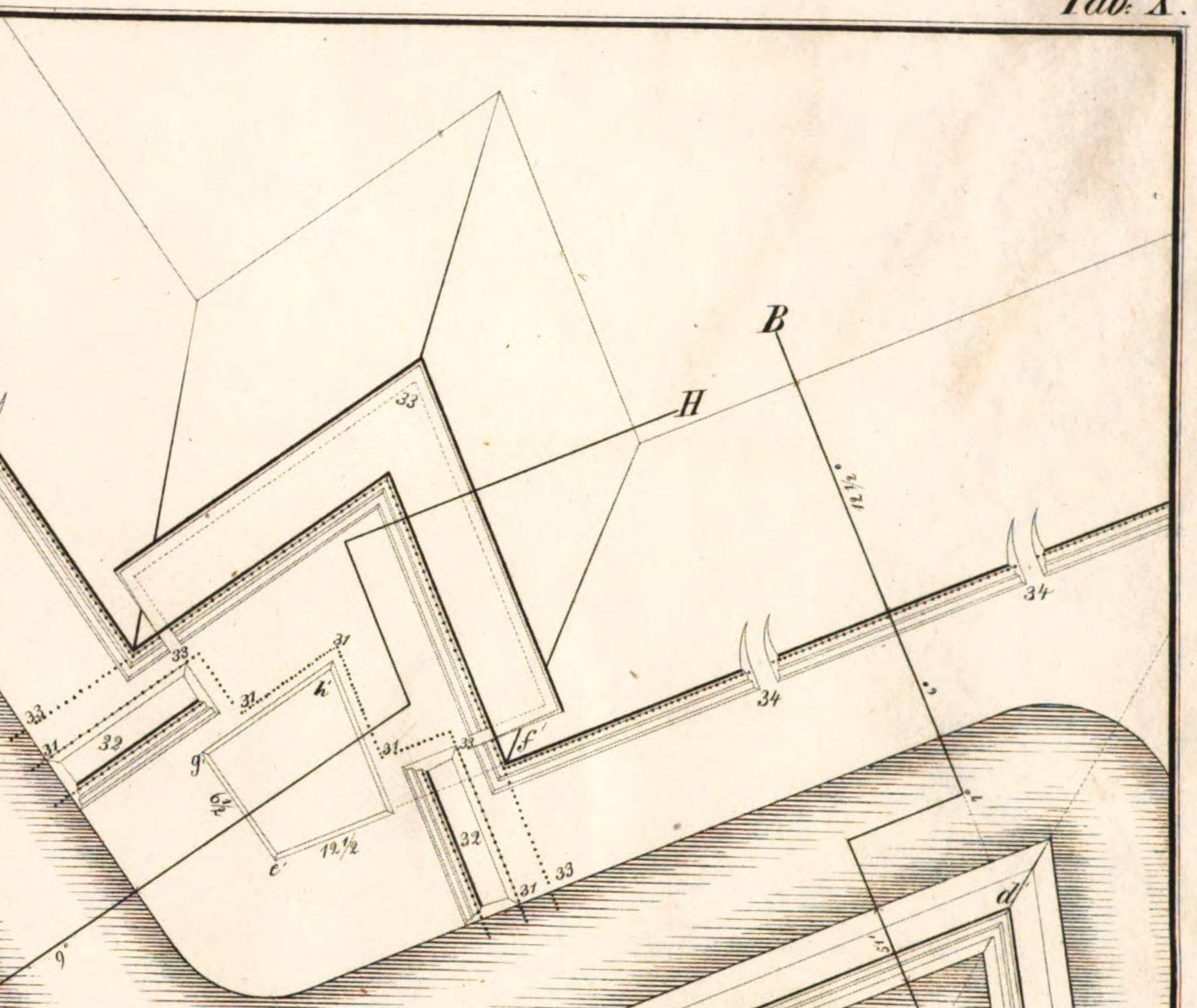
Ruthen für den Grundriss.

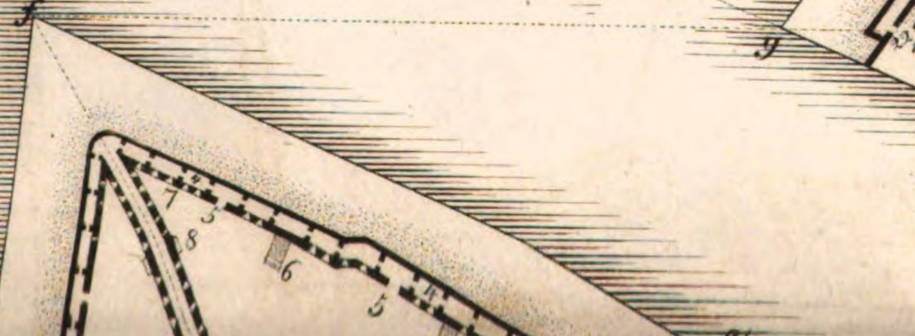
Ruthen für die Profile.

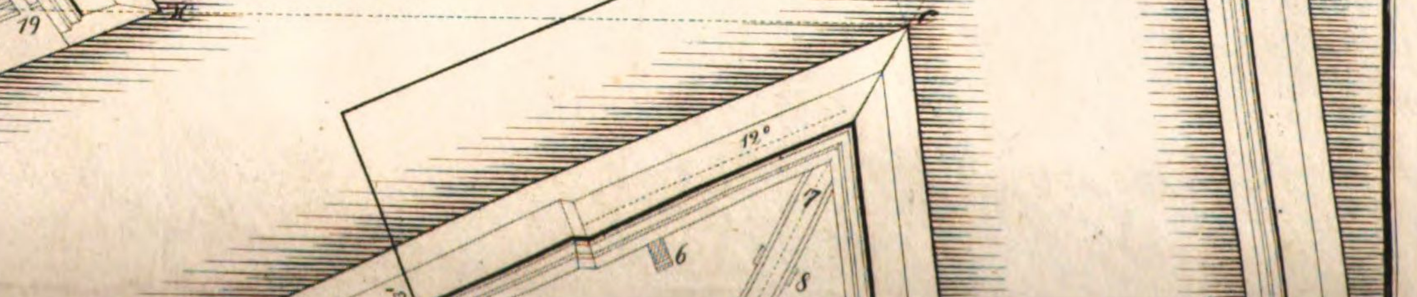


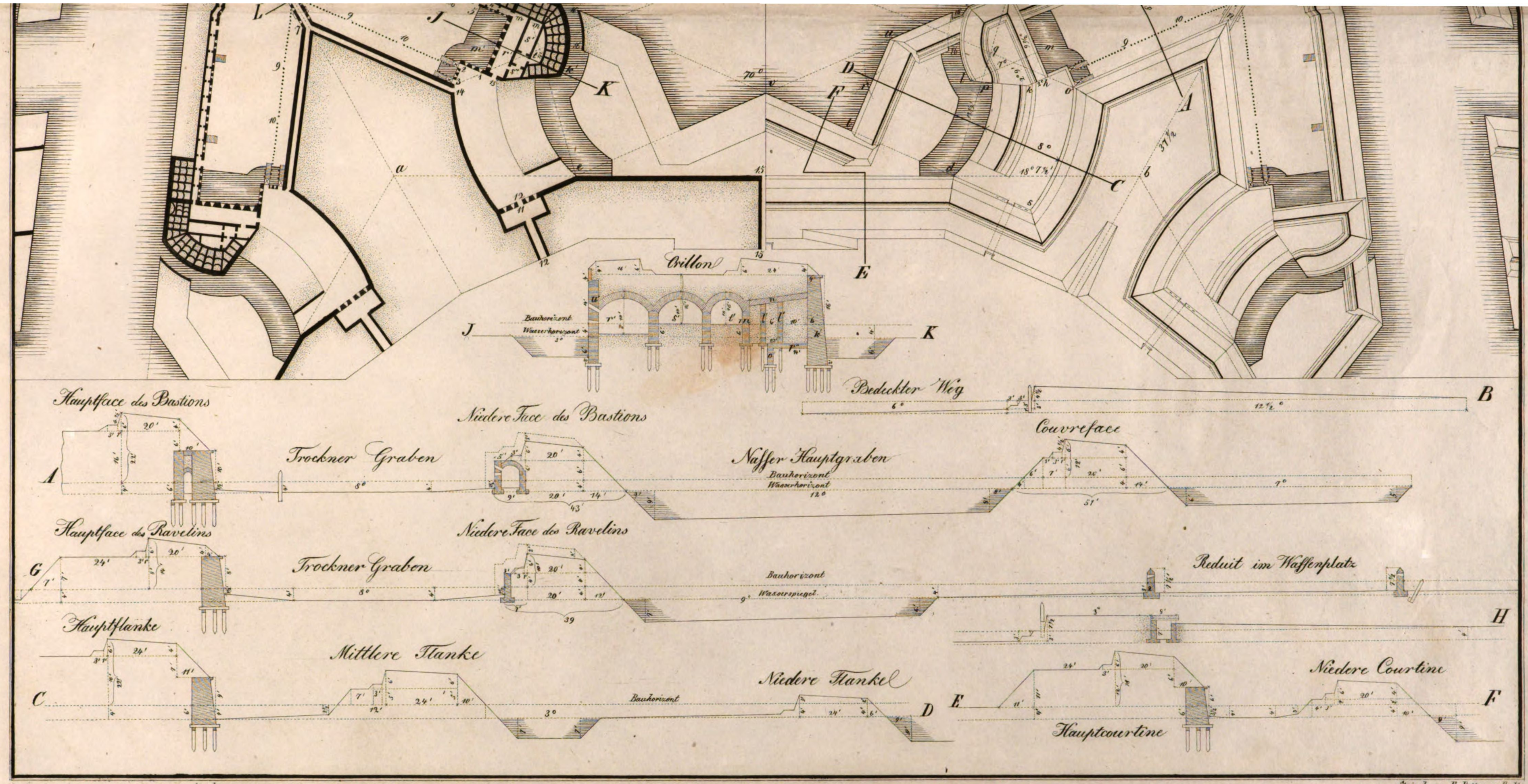




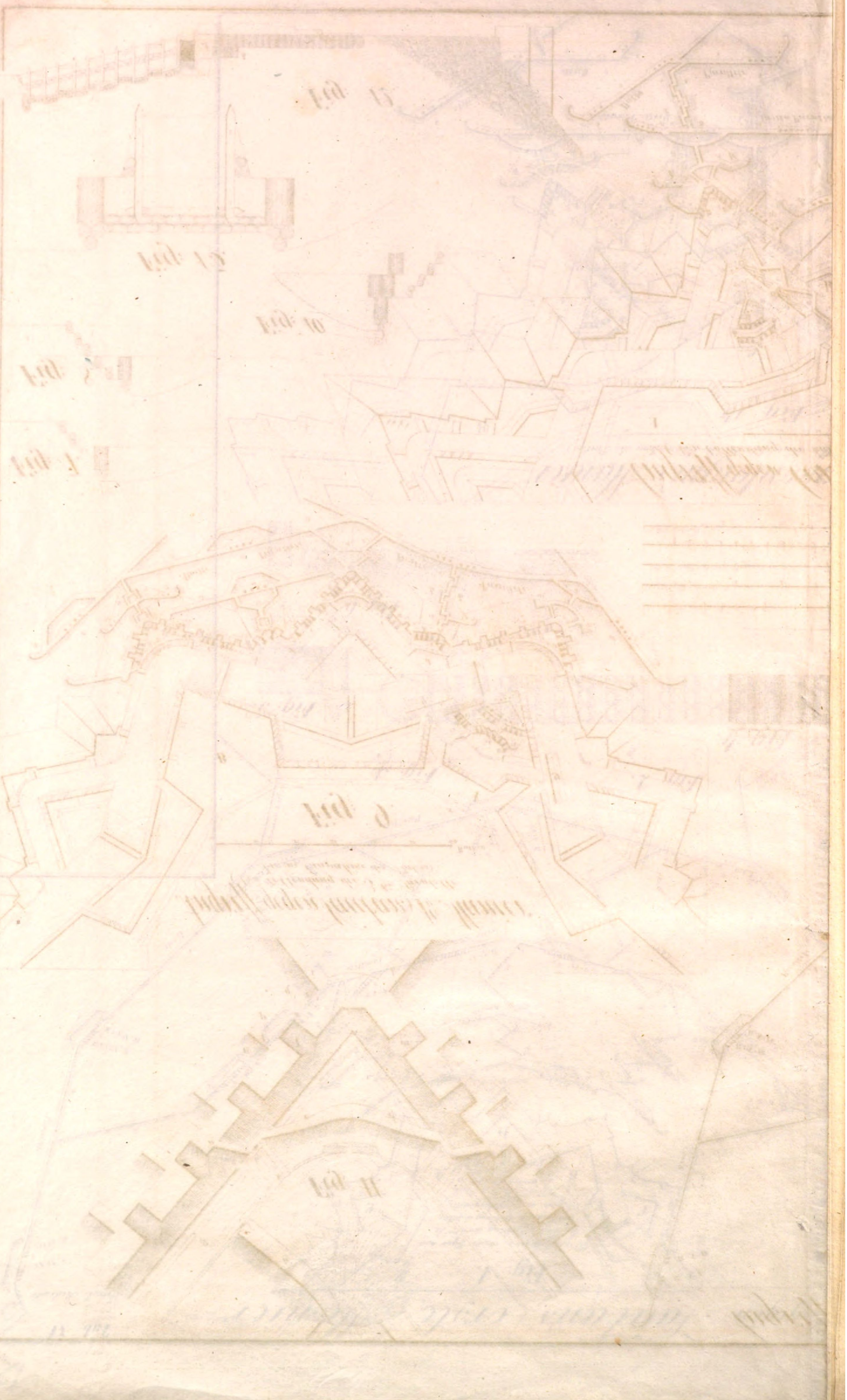








Steindr. v. E. Dettmers Berlin.



Ravelin

Fig. 11.

Angriff gegen Vauban's 1te u. 2te Manier
(Von Vollendung der 3ten Parallele
bis zur Einnahme des Platzes)

Ruthen 5 10 20 30 40 50 60

Fig. 9.

Dritte Parallele

Dritte Parallele

Dritte Parallele

Fig. 7.

Fig. 8.

Fig. 10.

Fig. 13.

Fig. 12.

Angriff gegen

(Von Vollendung der

Dritte Parallele

Halbe Parallele

Parallele

12

gegen Vauban's erste Manier

Tab. XI.

Fig: 1.

(Der Angriff ist in dieser Figur nur bis zur Vollendung der 3ten Parallele, die Fortsetzung dieselben aber in Fig. 9 dargestellt)

Ruthen.

Flügel Redoute

R. N° XX

R. N° XIX

R. N° XVIII

R. N° XVII

R. N° XVI

R. N° XV

R. N° XIV

R. N° XIII

R. N° XII

R. N° XI

R. N° X

R. N° IX

R. N° VIII

R. N° VII

R. N° VI

R. N° V

D. N° I

D. N° II

D. N° III

D. N° IV

D. N° V

D. N° VI

D. N° VII

D. N° VIII

A

B

C

D

E

Erste Parallele

Zweite Parallele

Dritte Parallele

Halbe Parallele

Halbe Parallele

Kommunikation

Kommunikation

Fig: 2.

Fig: 3.

Fig: 4.

Fig: 5.

Fig: 6.

Ruthen, für Fig. 2, 3, u. 8.

Ruthen für Fig. 12.

Ruthen für Fig. 6, 7, 10.

Fuss für Fig. 4, 5, u. 65.

Ruthen, für 11.

montaigne's Manier

(den Parallelen bis zur Einnahme des Platzes)

Ruthen

Fig: 14.

A

B

C

D

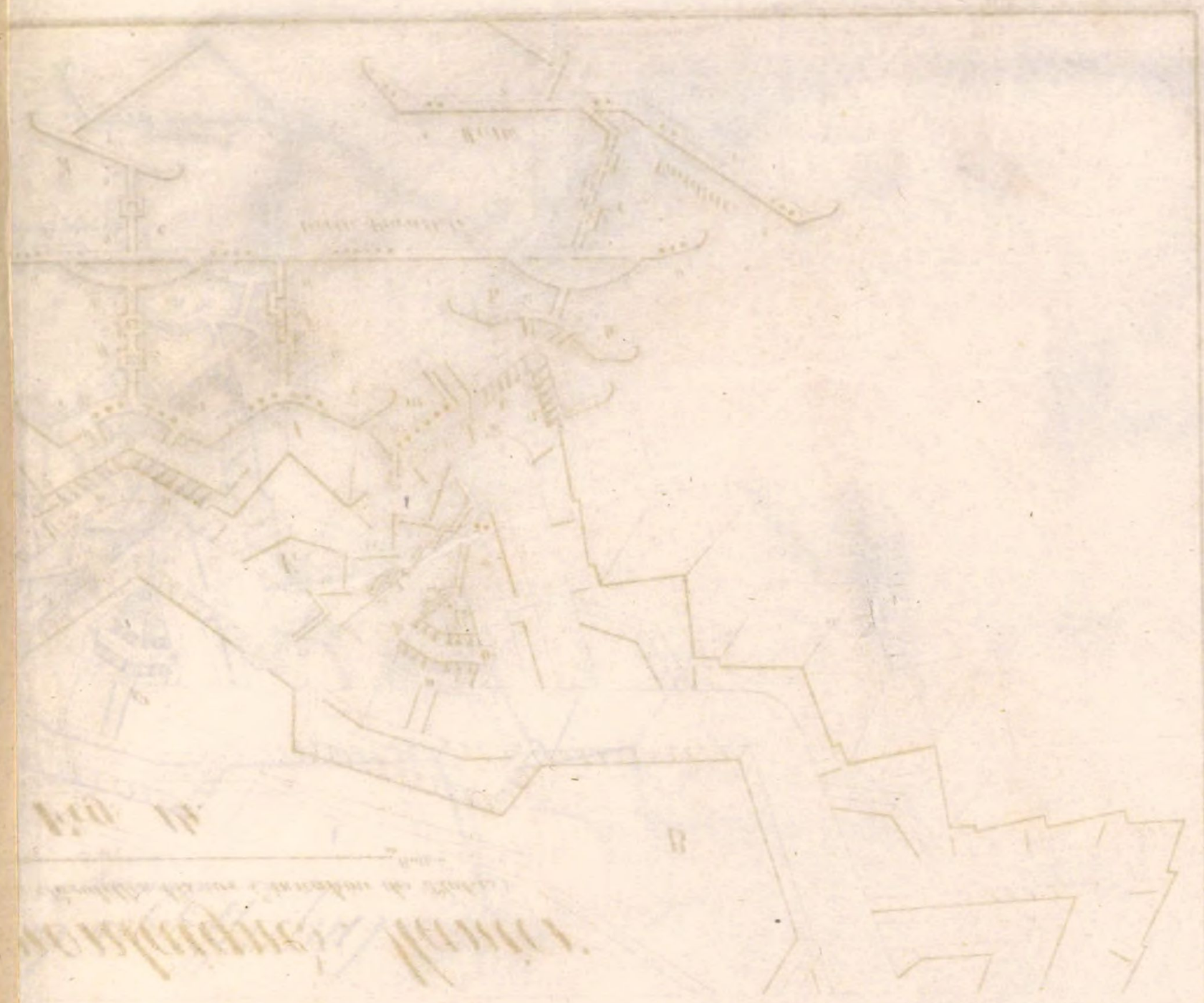
E

Dritte Parallele

Halbe

Parallele

Steindr. v. E. Dettmers in Berlin.



Tab. VI

Angriff gegen

3te Ma

Fig

Dritte

Parallele

Angriff gegen

Fig:

Vierte

Parallele

50 60 70 80 90 Ruthen.

Vauban's Manier

No: 1.

Dritte Parallele

50 60 70 80 90 Ruthen.

horn's Manier

2.

Parallele

Vierte

Parallele

Vierte

Steindr. v. E. Dettmers in Berlin.

Angriff gegen

3te

Fig:

Dritte

Parallele

Vierte

Parallele

Angriff gegen

Fig:

Vierte

Parallele

50 60 70 80 90 Ruthen.

Vauban's Manier

1.

Dritte Parallele

50 60 70 80 90 Ruthen.

horn's Manier

2.

Parallele

Vierte

Parallele

Vierte

Steindr. v. E. Dettmers in Berlin.

Fig. 1.

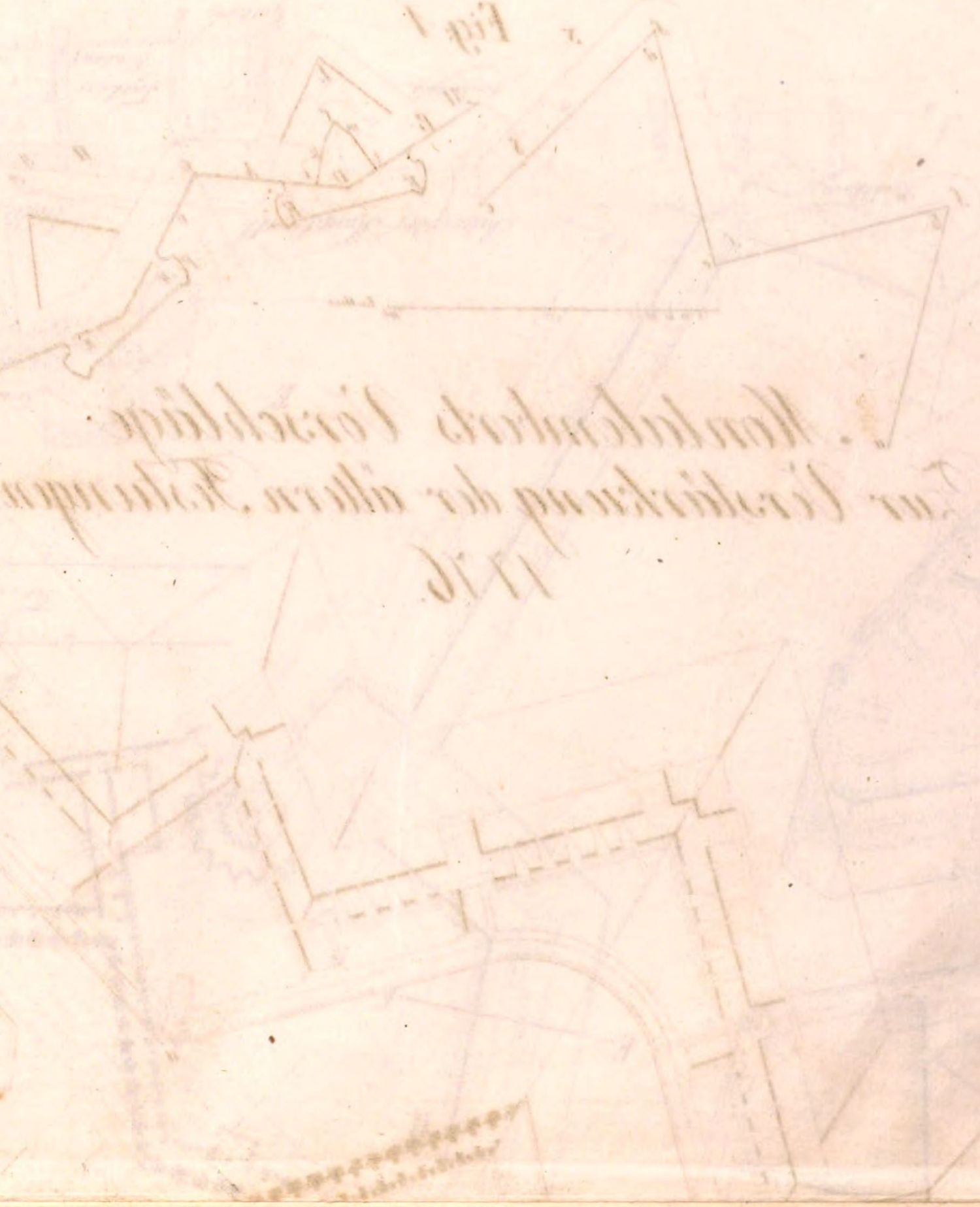


Fig. 2.

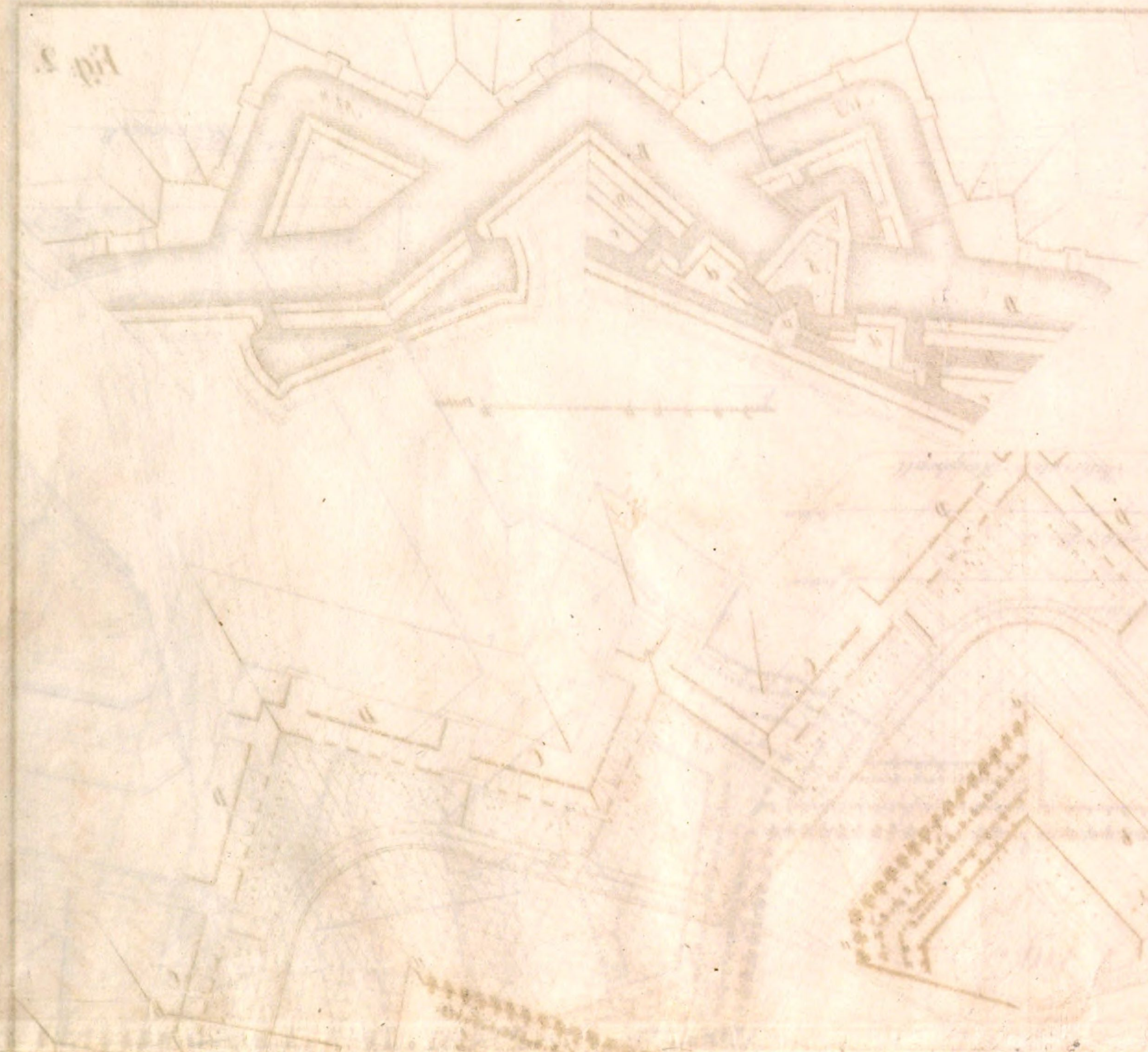


Fig. 1

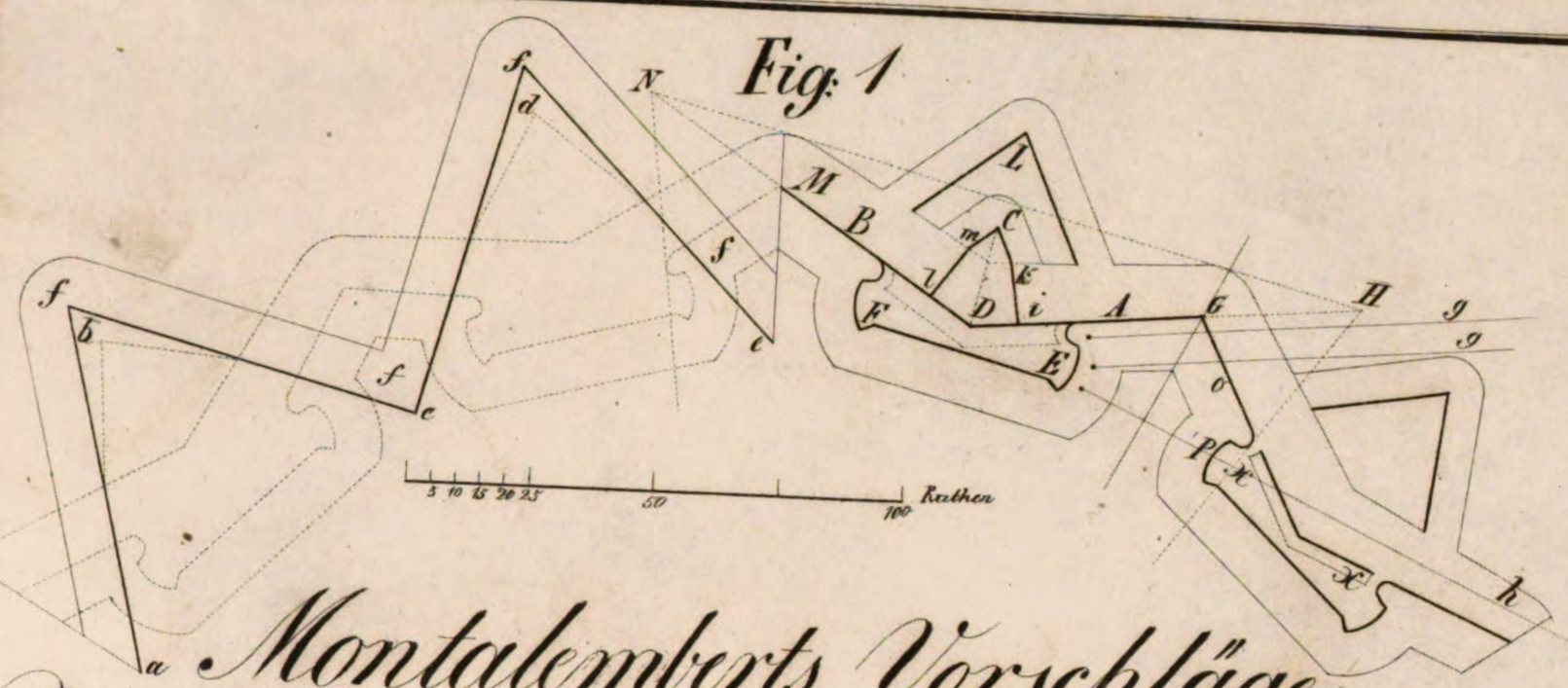
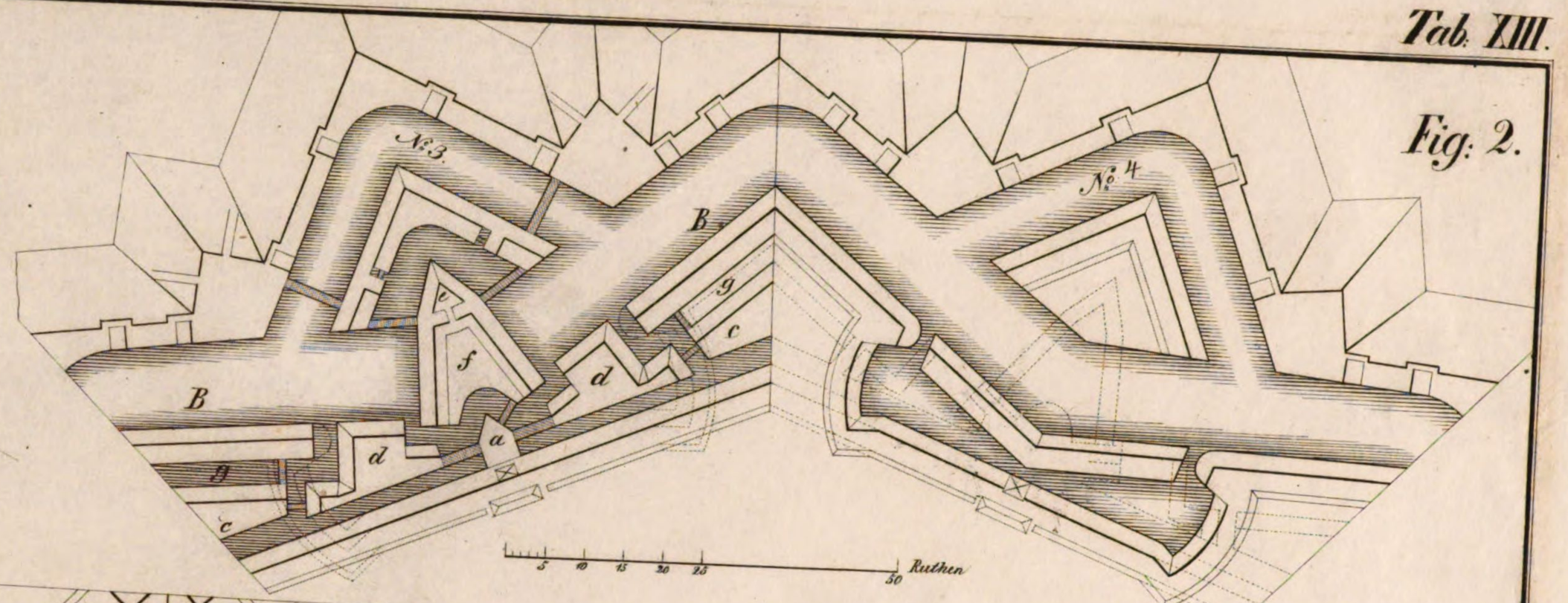


Fig. 2.



Montalemberts Vorschläge Zur Verstärkung der ältern Festungen 1776.

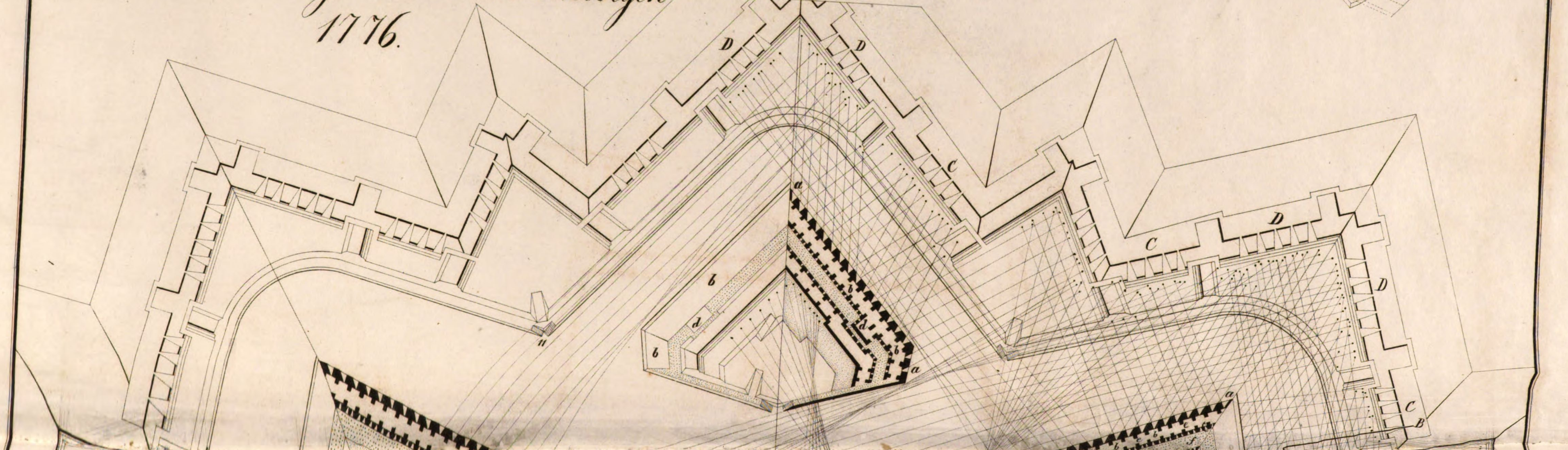


Fig. 5

Für den Grundriss, Fig. 3.

5 10 20 30 40 Ruthen

Für die Profile, Fig. 3.

1 2 3 4 5 10 Ruthen

Retirirter Hauptwall

Trockner Graben

Baukorizont

Retirirter Hauptwall

Gallerie b

Wachthaus

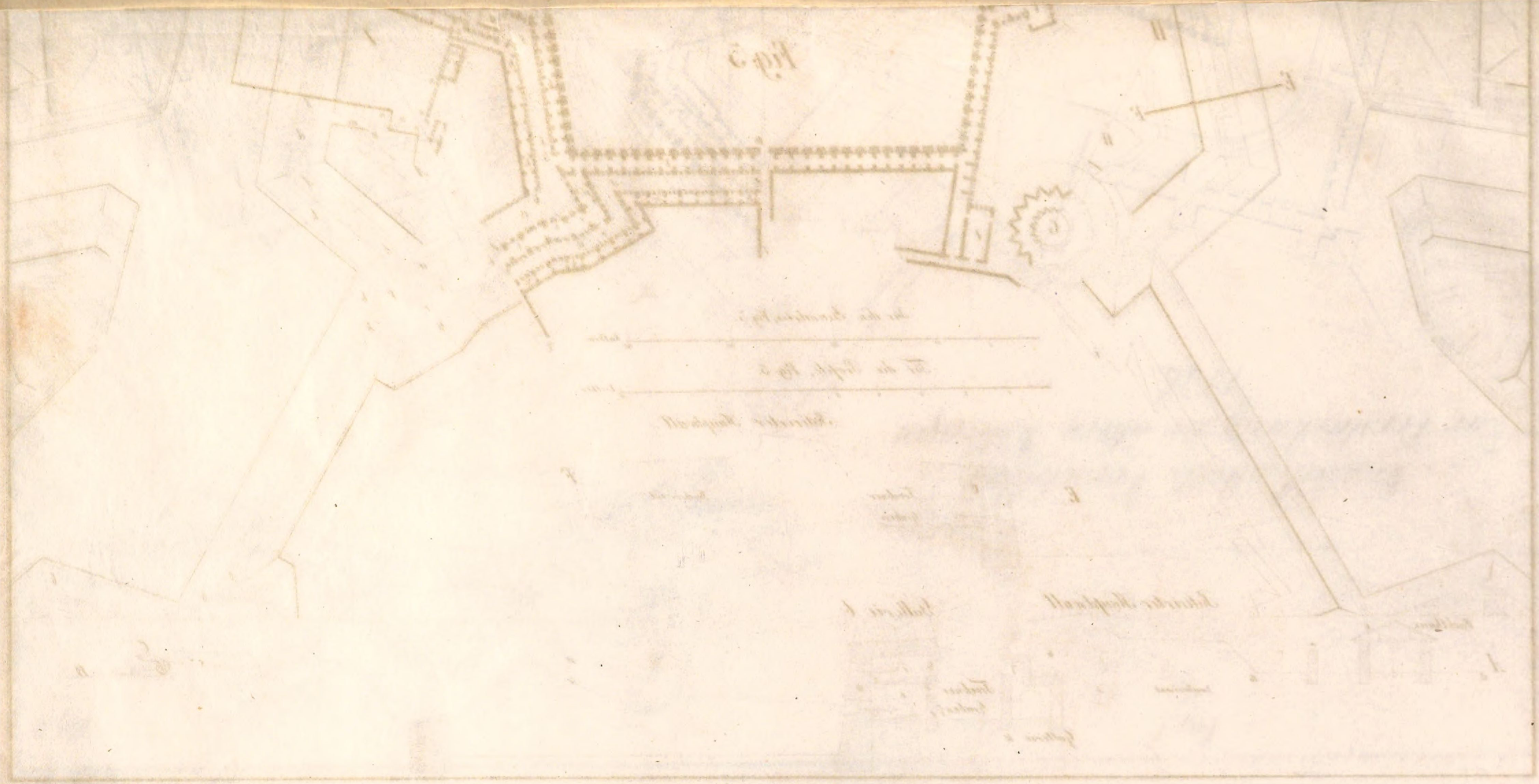
Baukorizont

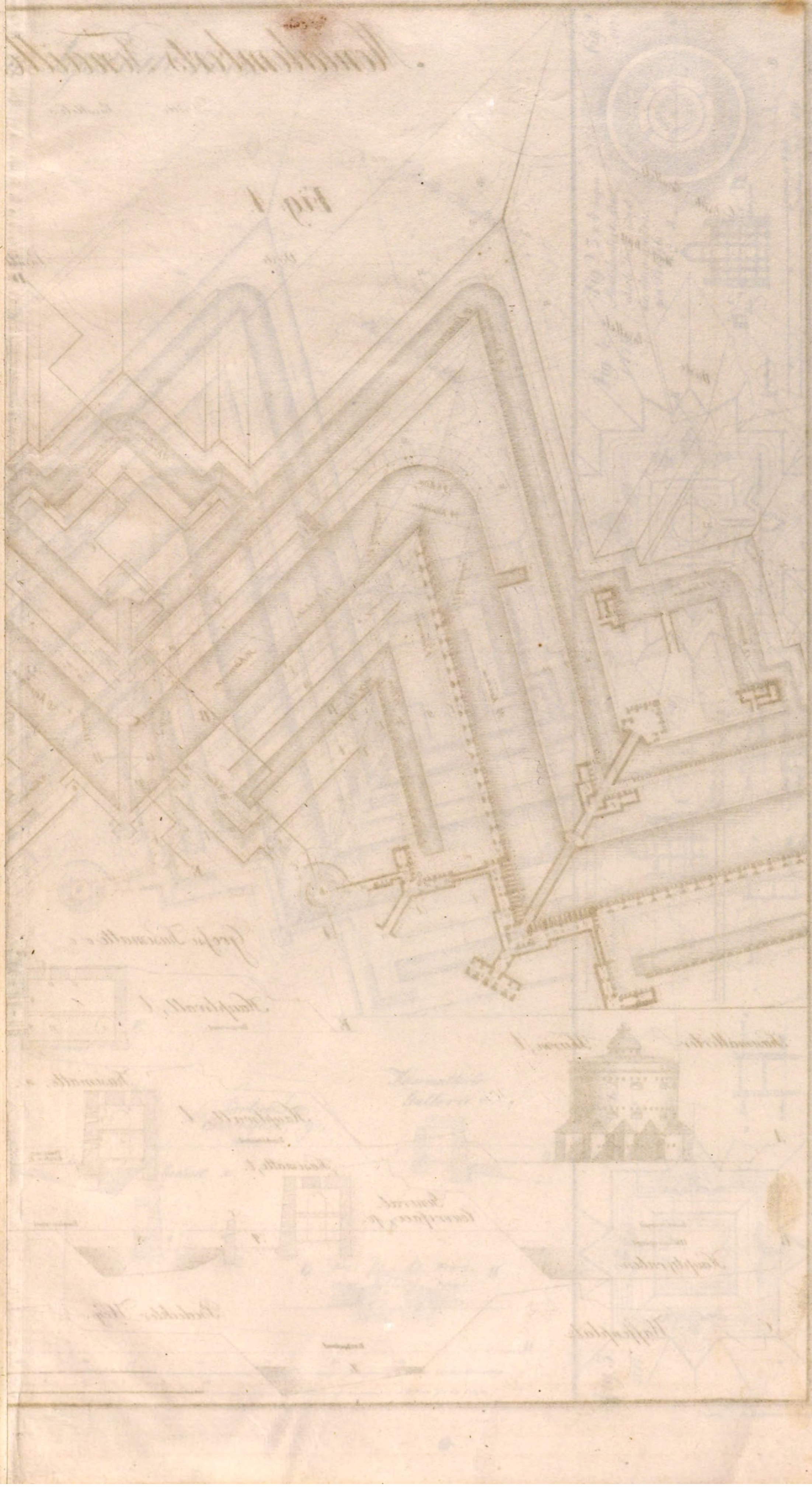
Trockner Graben

Gallerie k

Steindr. v. E. Dettmers Berlin

14





Montalemberts Tenaille

Fig: 1.

Dritte Parallele

Vierte Parallele

Wurf Batt.

10 Kanonen

48 Kan.

24 Kanonen.

12 Geschütze

12 Kanonen.

30 Kanonen.

8 Kan.

Grosse Kasematte o o.

Hauptwall, l

Bauhorizont.

Kasematte, n

Kasematirter Thurm, b

Kasematte, t.

General-Courreface, p.

Wasserspiegel.

Hauptgraben.

Waffenplatz

Bedeckter Weg.

n System 1776.

Dritte Parallele.

Vierte Parallele.

F

Wasserspiegel

Particular-
Courreface, g.
Bauhorizont.

Kasemattirte
Gallerie c.

h

Reduit x.

C

B

D

G Bau- e f Horizont. H
Wasser. Spiegel.
g g
c d

30 40 50 60 70 80 Ruthen für den Grundriss.
10 15 Ruthen für die Profile.

Fig: 2.
1777.

Fig: 2, 3 u. 4 zeigen
Montalembert's detaillirte Fort's und
die dazu gehörigen
Profile.

Fig: 4.
1778.

Ruthen, für Fig: 2.
Ruthen, für das Profil A.B.

Ruthen, für Fig: 3.
Ruthen, für das Profil E.F.

Ruthen, für Fig: 4.
Ruthen, für das Profil G.H.

Bau- horizont. m Grabensohle.
Bau- horizont. k sohle.
Grabensohle.
Bauhorizont

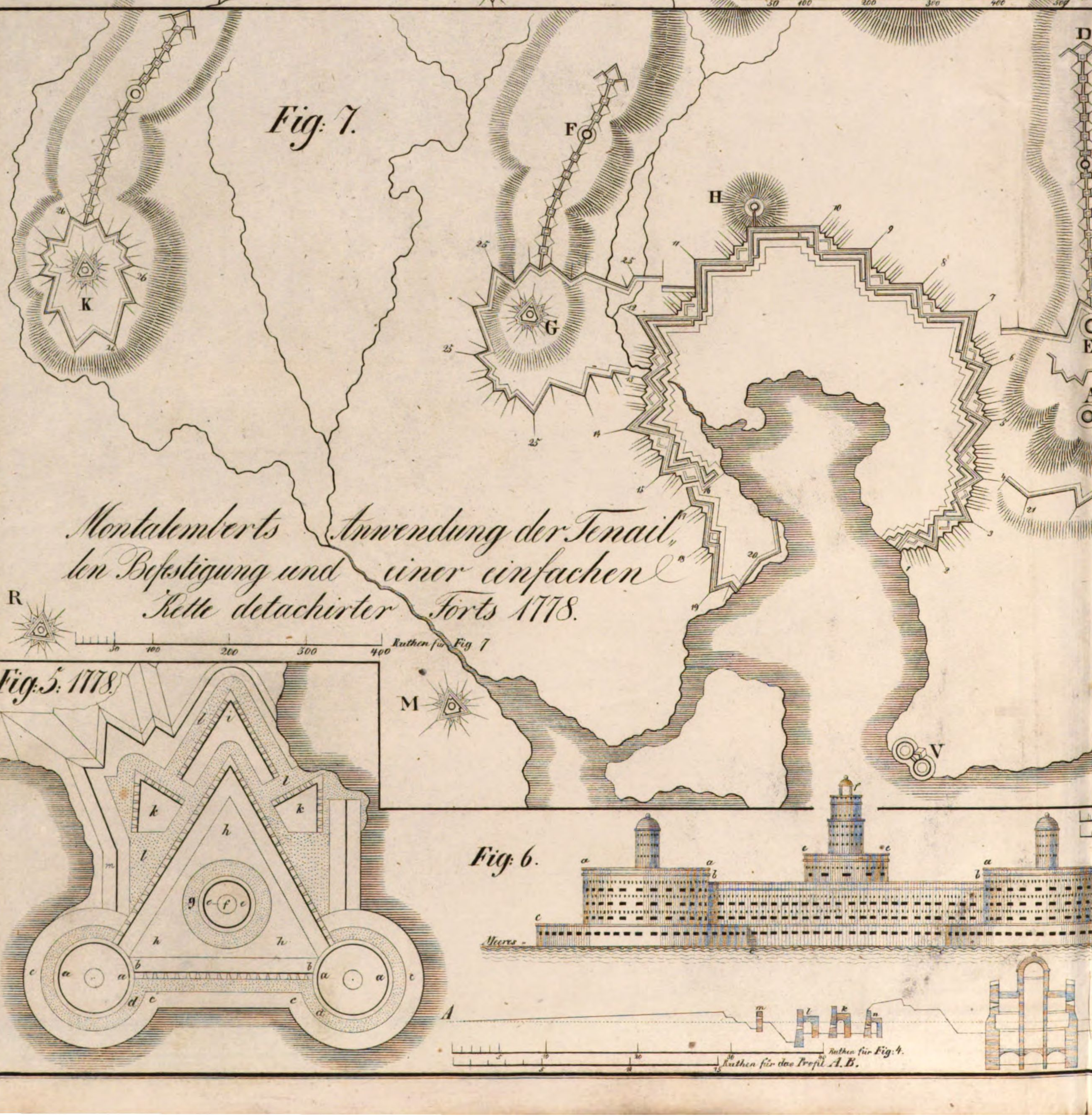
Fig: 5.
1777

Stiandr. v. E. Dettmers in Berlin.

Fig: 8.

Montalemberts Anwendung der Polygonal Befestigung u. einer doppelten Kette detachirter Forts, 1778.

Fig: 7.



Montalemberts Anwendung der Tenaille, den Befestigung und einer einfachen Kette detachirter Forts 1778.

Fig: 5. 1778.

Fig: 6.

Ruthen für Fig. 1 u. 2.

Fig. 2.
1776.

Fig. 1.
1776

Fig. 3
1778.

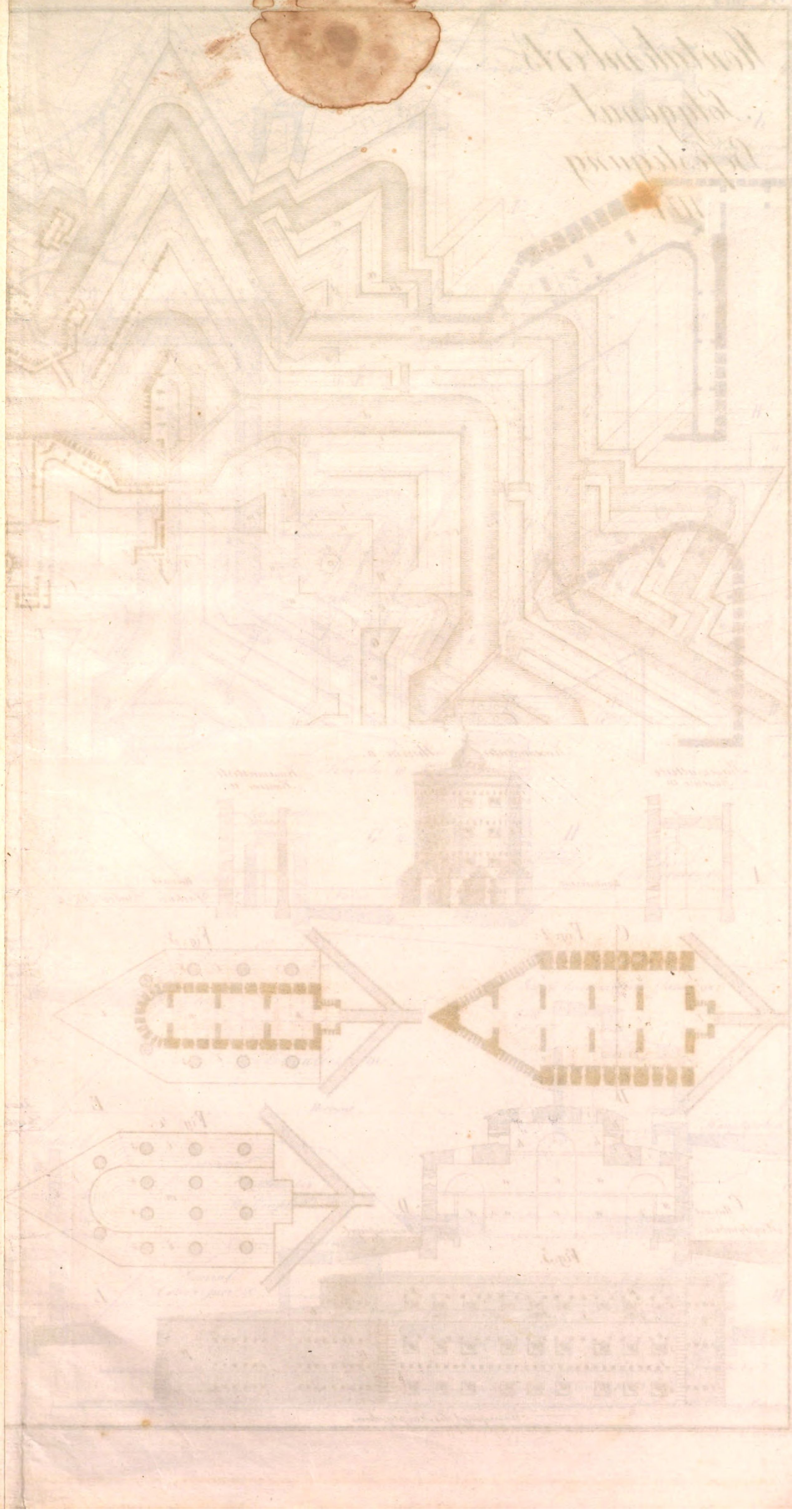
Fig. 4. 1777.

Ruthen für Fig 3
Ruthen für die Profile C. D.

Ruthen für Fig. 5.
Ruthen für Fig. 6.

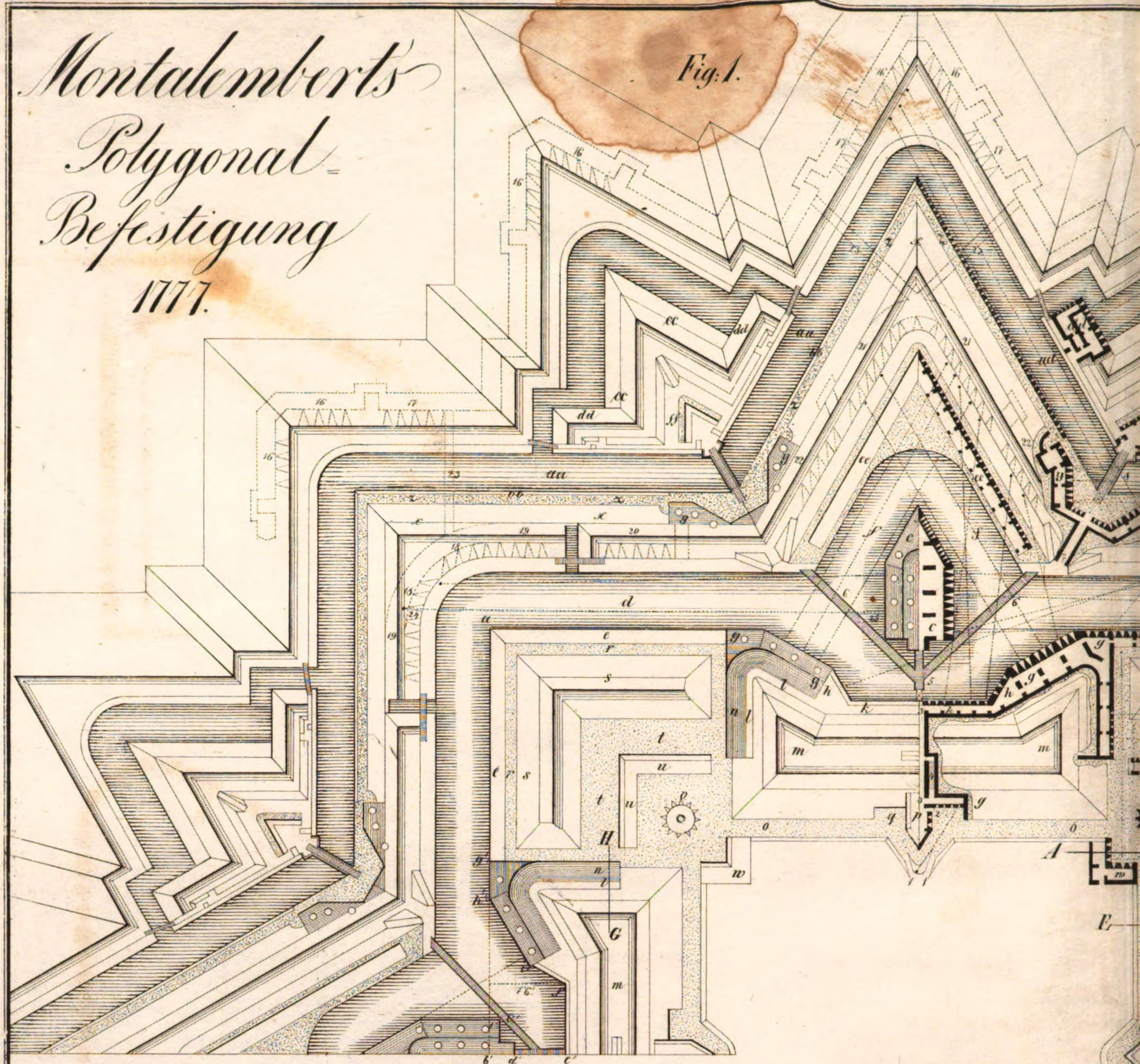
Fig. 5 zeigt ein starkes Küsten-Fort Montalemberts, und Fig. 6 dessen vordere Ansicht vom Meere ausgesehen.

Steindruck v. E. Dettmers in Berlin.



Montalemberts Polygonal-Befestigung 1777.

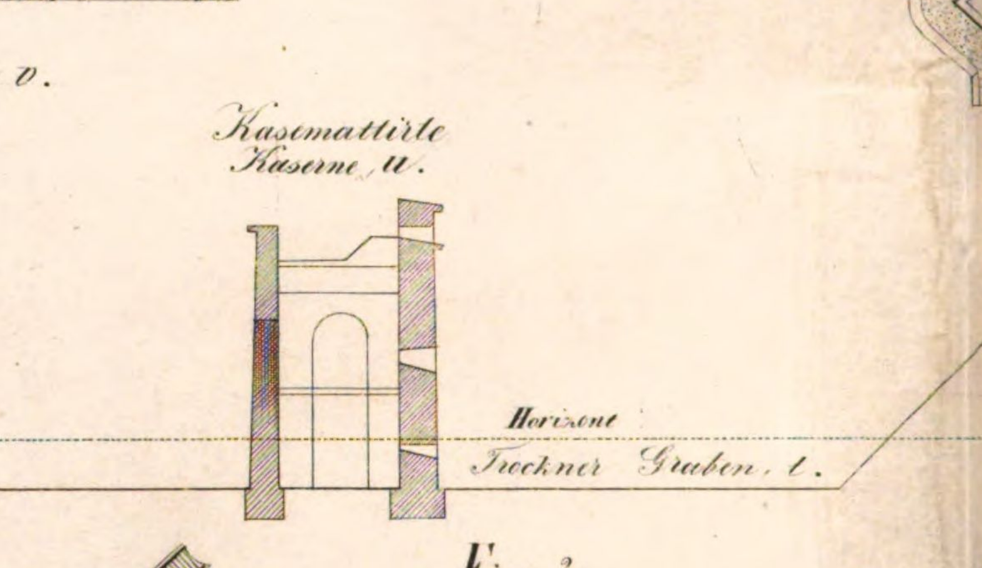
Fig: 1.



C Fig: 2.

Fig: 3.

E Fig: 4.



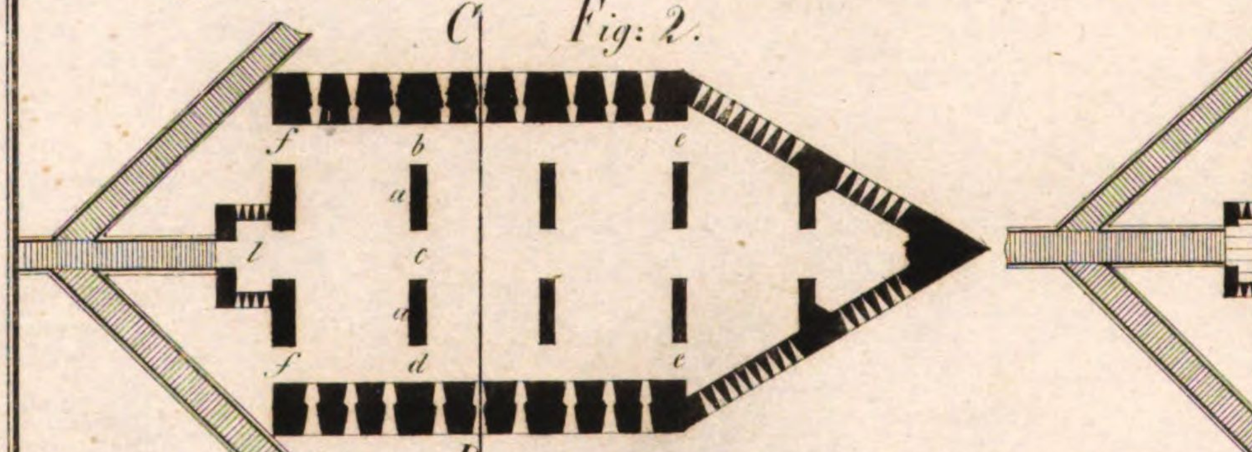
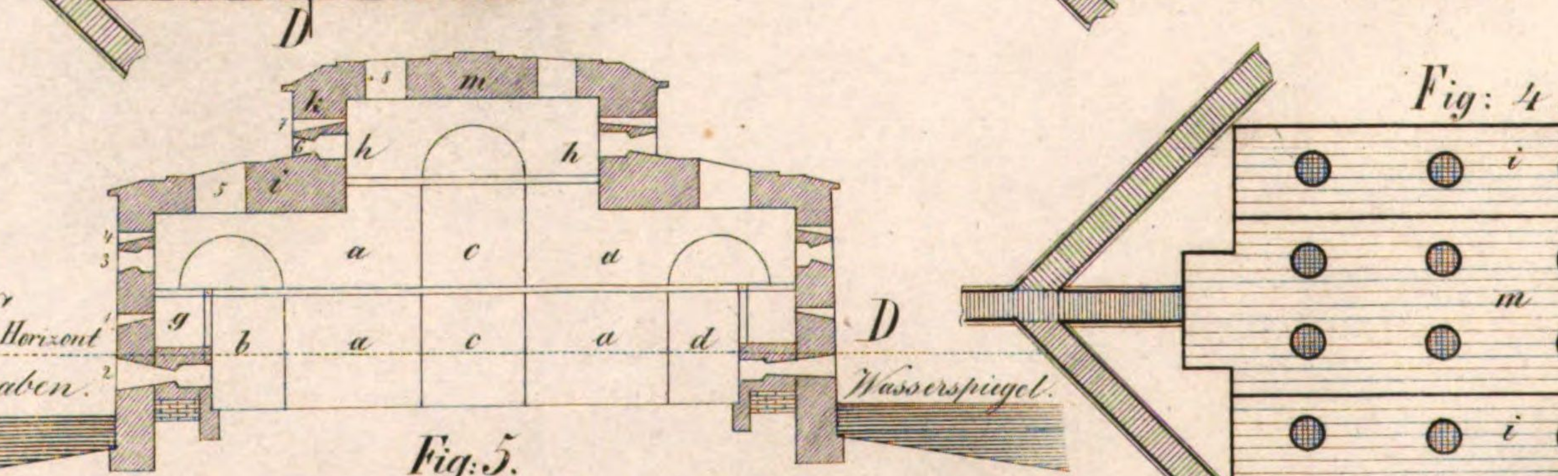


Fig: 5.



Kavalier, m.

Kurtine k.

Gallerie, q.

J

Horizont.

K

Hauptgraben.

Fig: 6.

F

g

h

k

n

s

b

r

t

E

m

G

H

u

Fig: 7.

B

O

N

M

D

K

Kasematte, n.

Wall gang, l.

Kavalier, m.

Kasematten Korps, c.

Trockner Graben r.

Horizont.

Nasser Hauptgraben, d.

Innere Courreface, s.

General Courreface, x.

Grosse kasemattirte Flanke, gg.

Horizont

Nasser Graben aa.

Kavalier, m.

Horizont

Verschanzter Waffenplatz.

Kasematte, y.

General Courreface, x.

Horizont

Nasser Graben, aa.

Kasematte, dd.

Ruthen für Fig: 1.

Ruthen für Fig: 2, 3, u. 4.

Ruthen für die Profile u. Fig: 5.

Steindr. v. E. Dettmers Berlin.

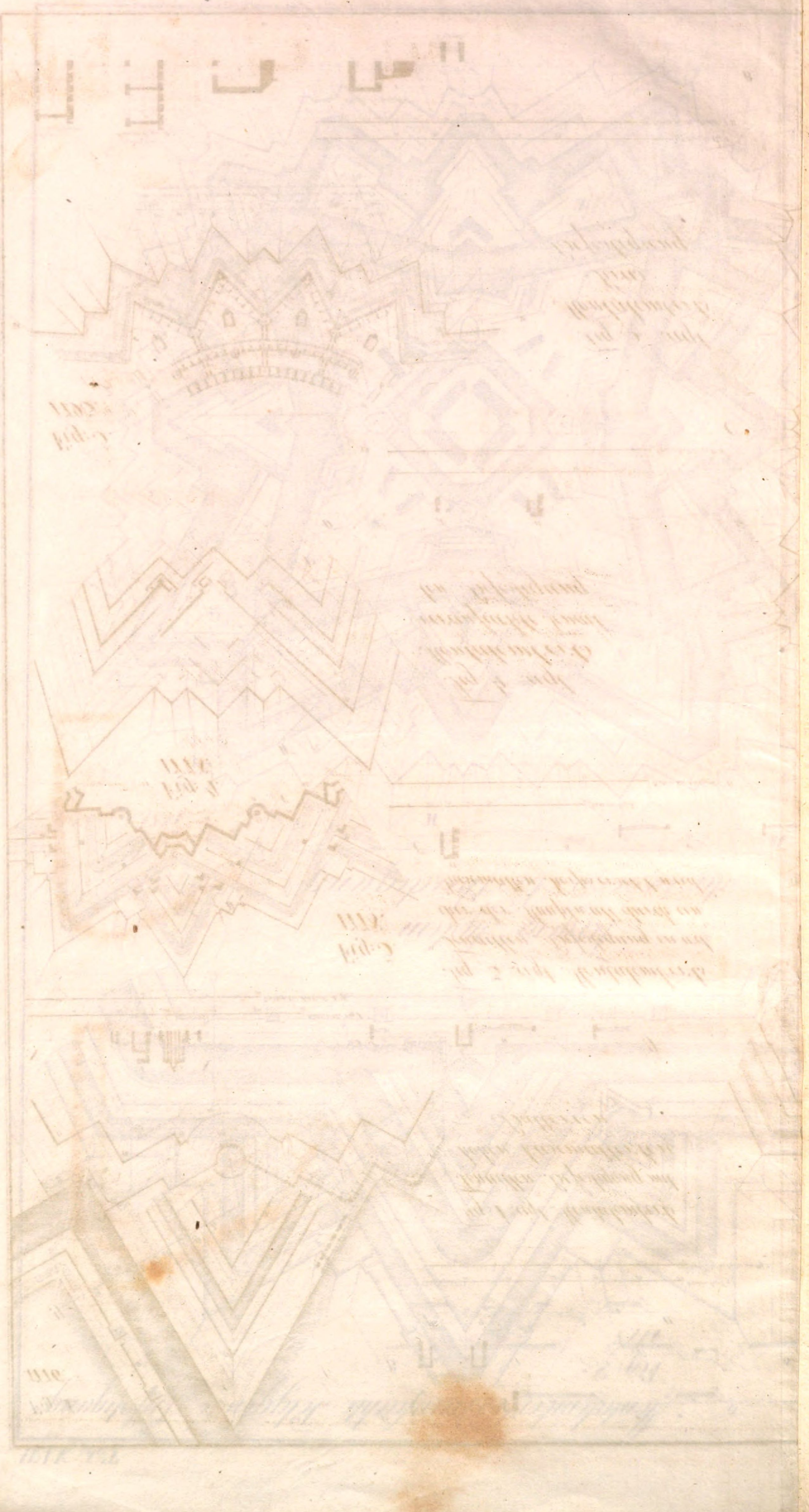
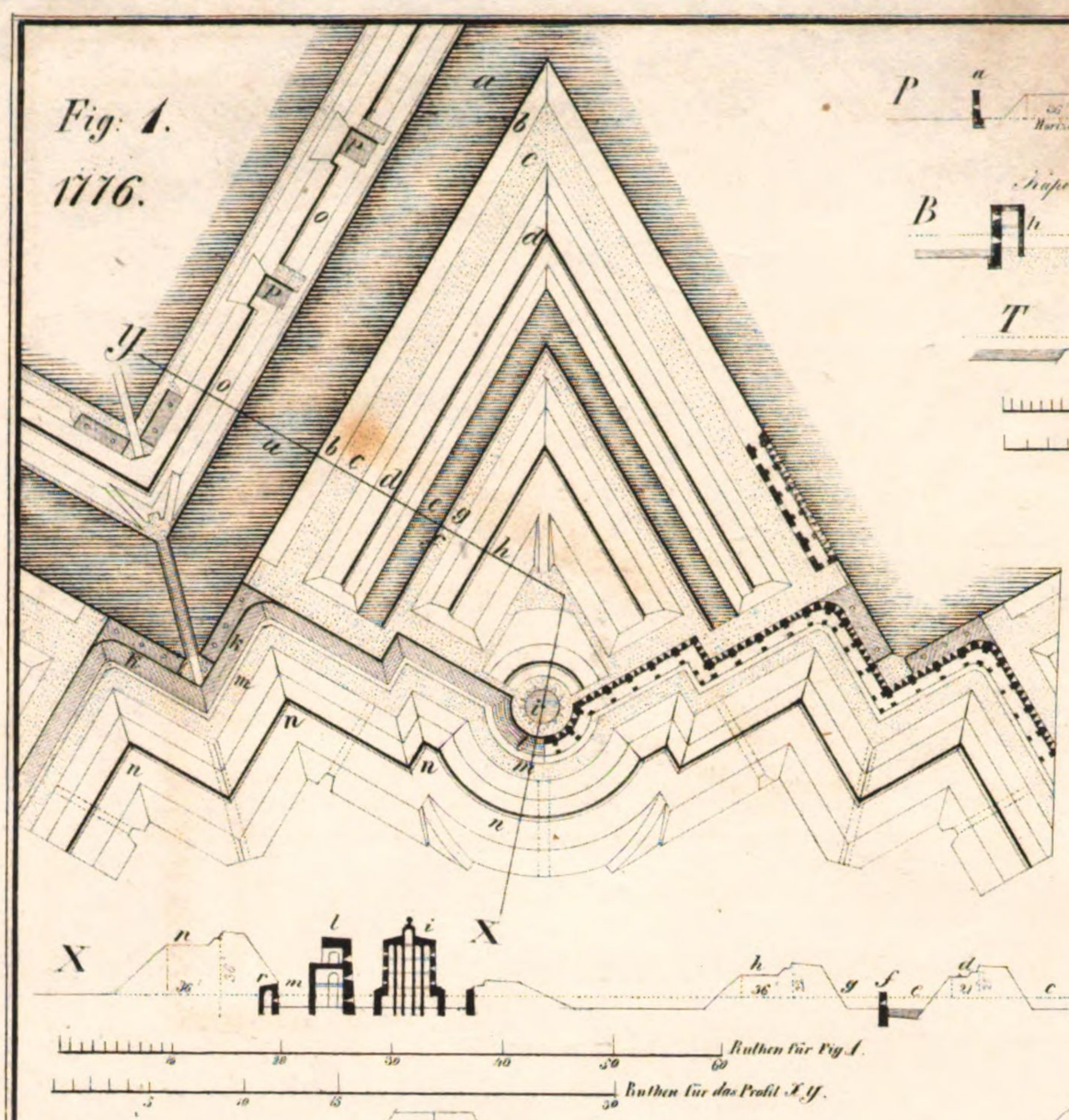


Fig: 1.
1776.



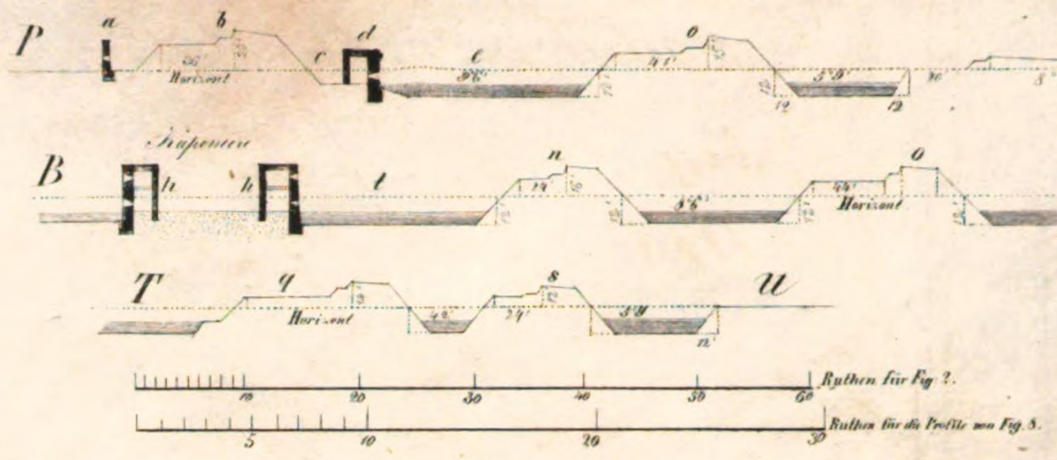


Fig: 1 zeigt Montalemberts Tenaillen-Befestigung mit hohen kasemattirten Batterien.

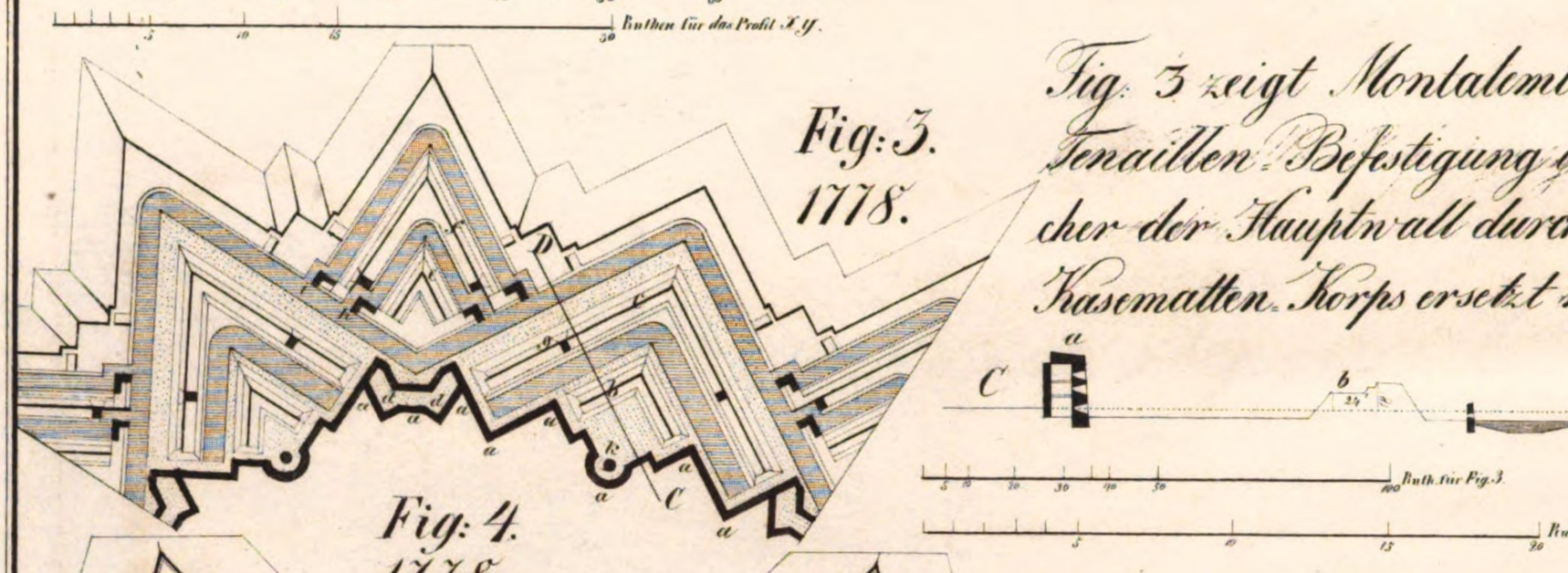


Fig: 3.
1778.

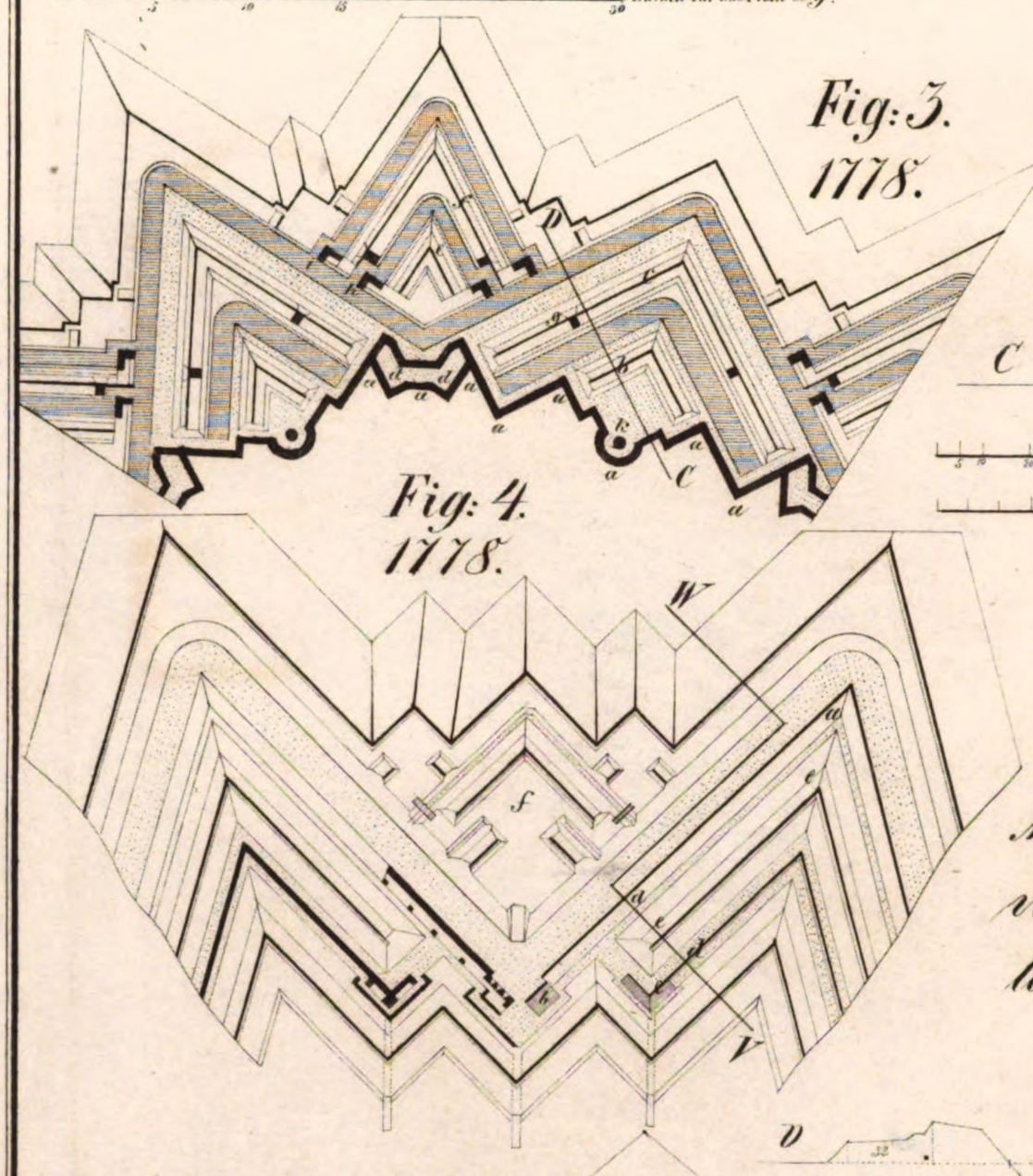


Fig: 3 zeigt Montalemberts Tenaillen-Befestigung in welcher der Hauptwall durch ein Kasematten-Korps ersetzt wird.

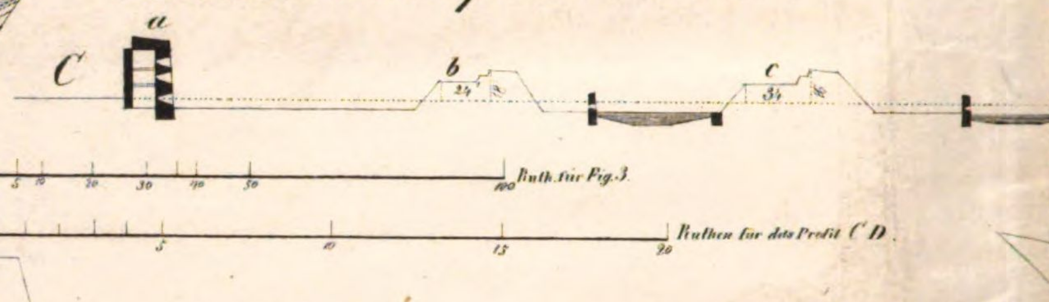


Fig: 4.
1778.

Fig: 4 zeigt Montalemberts vereinfachte Tenaillen Befestigung.

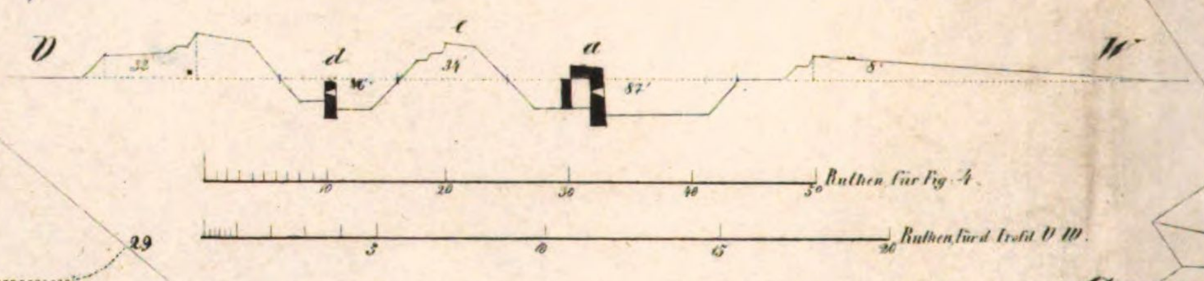


Fig: 5.
1793.

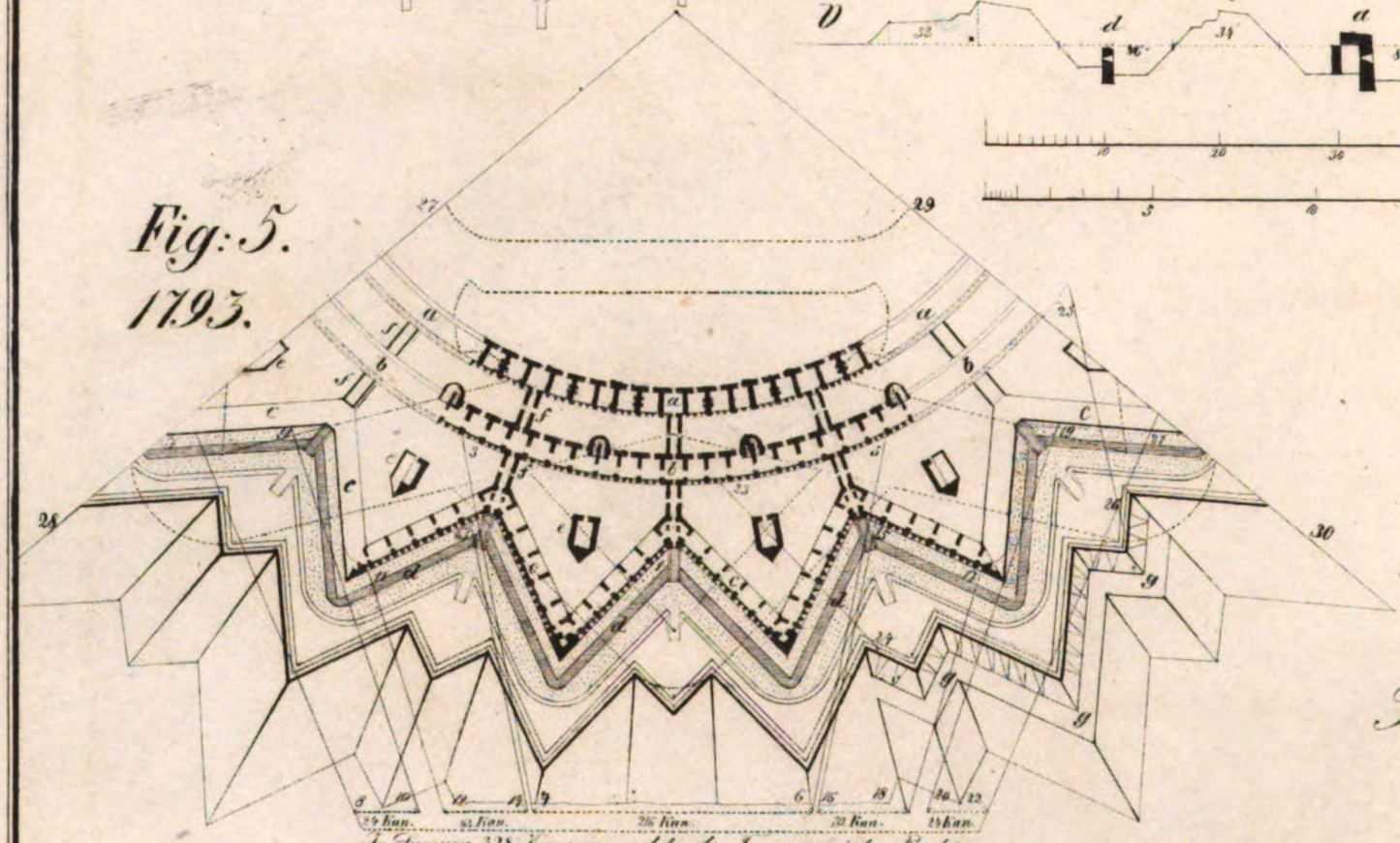
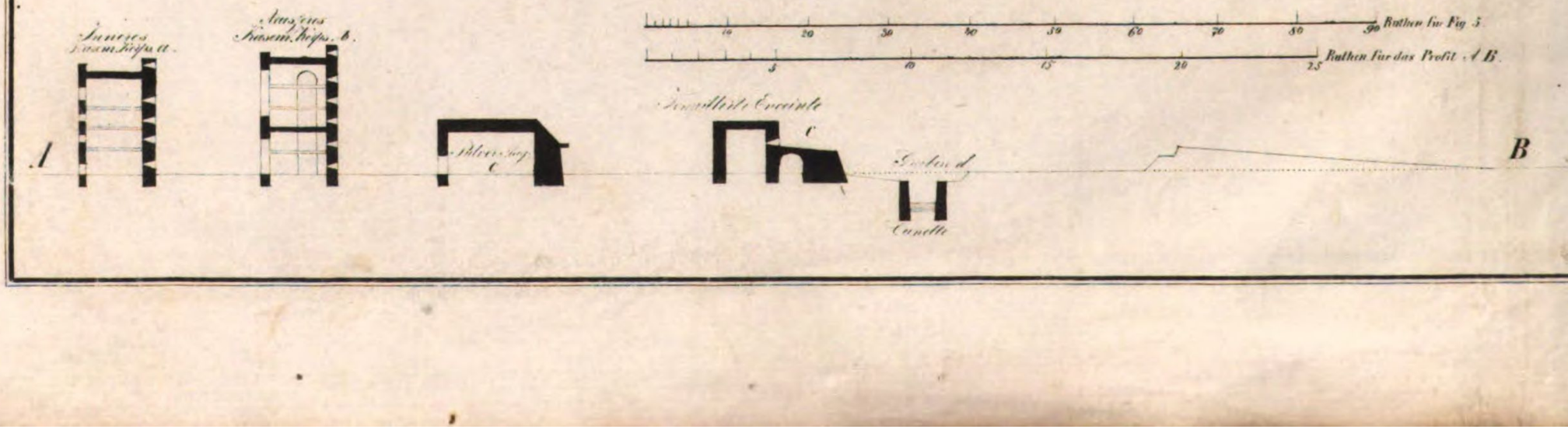


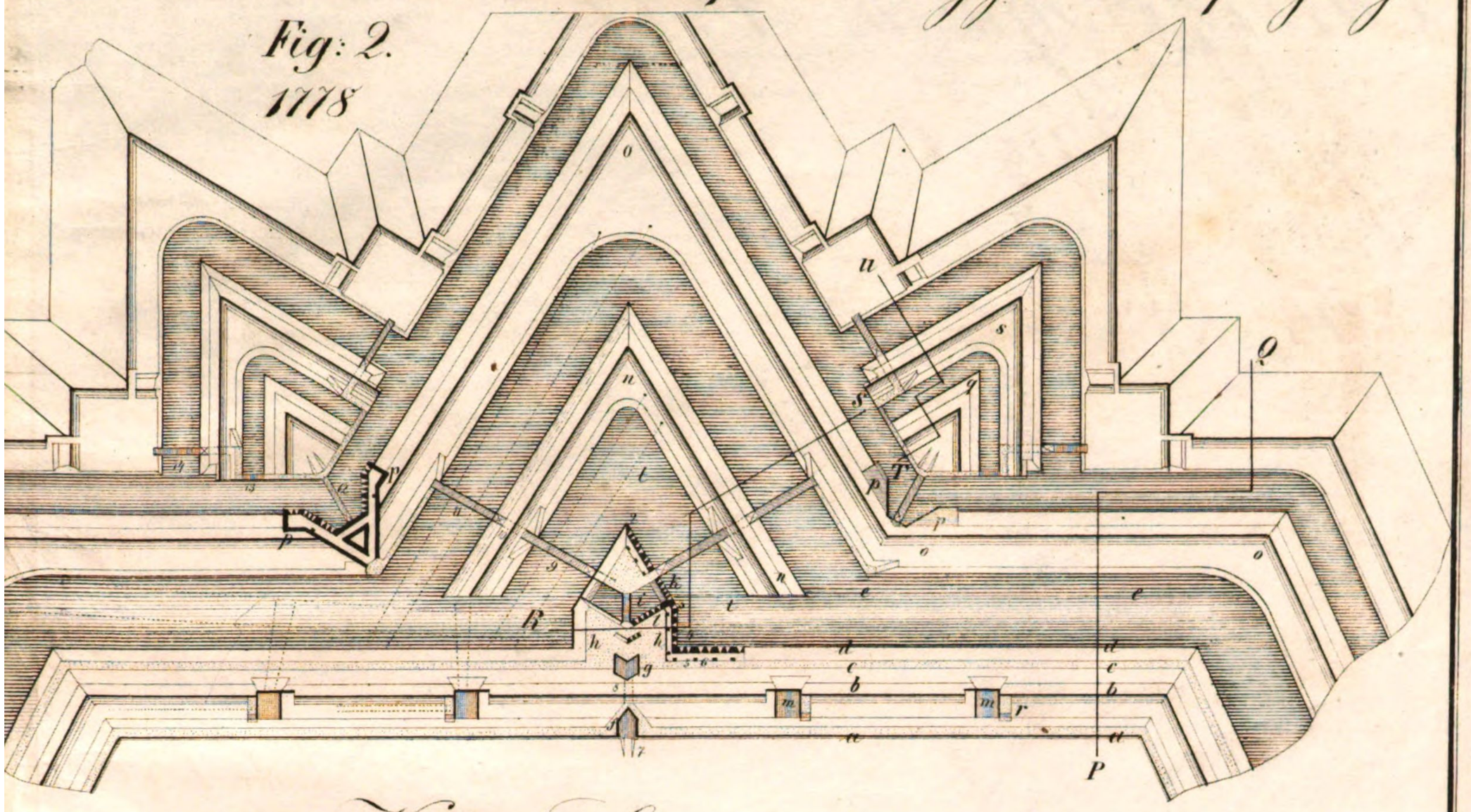
Fig: 5 zeigt Montalemberts Kreis Befestigung



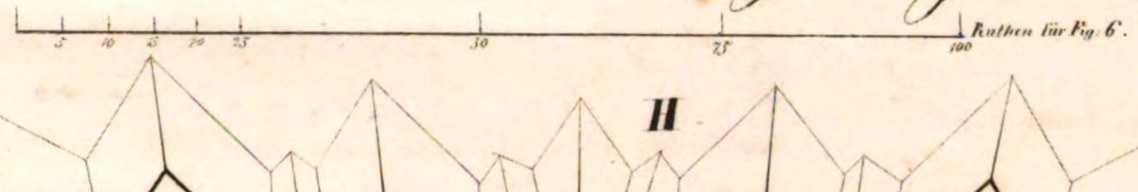
Q

Montalemberts vereinfachte Polygonal-Befestigung

Fig: 2.
1778



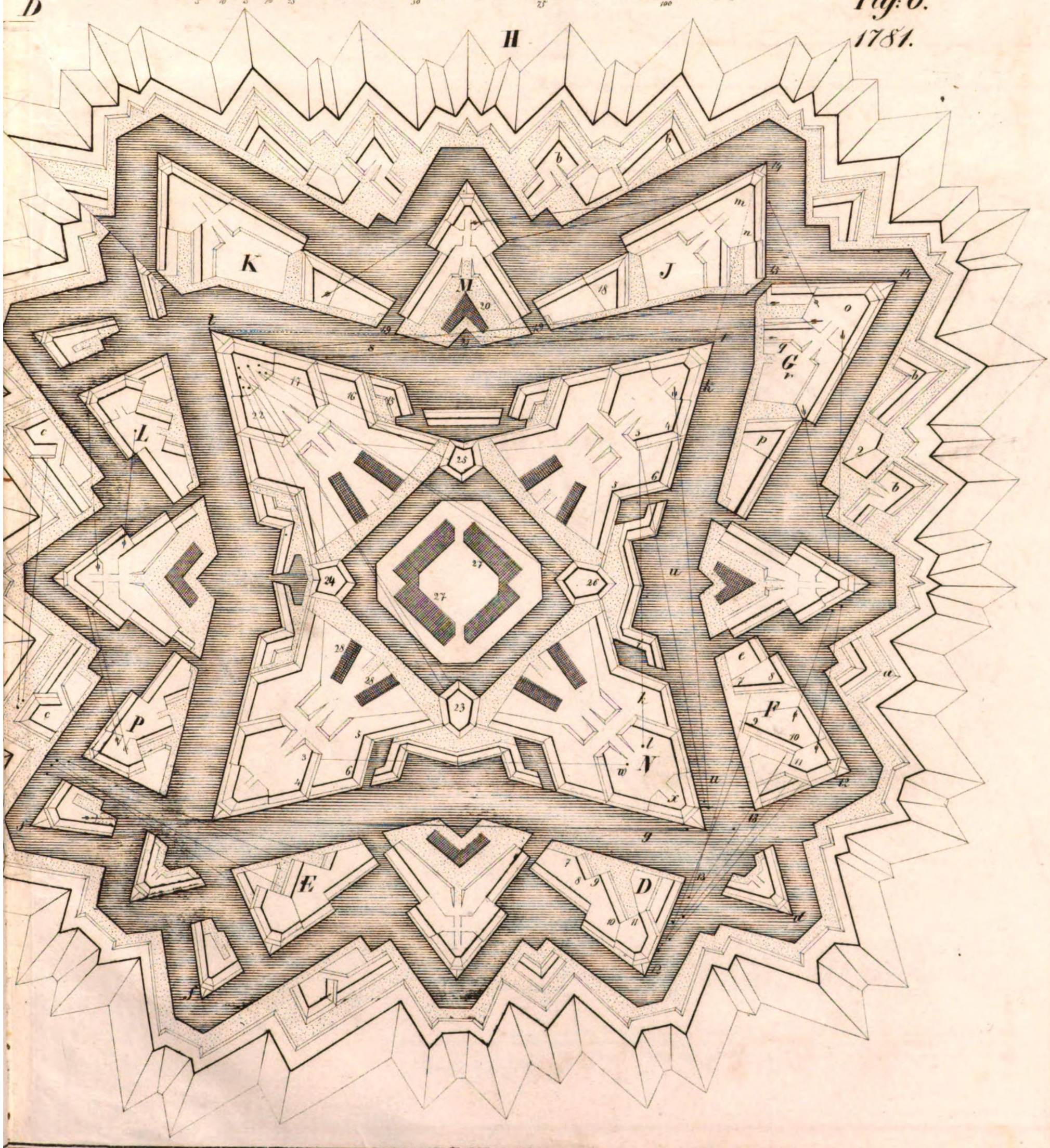
Virgins System der innern Vertheidigung



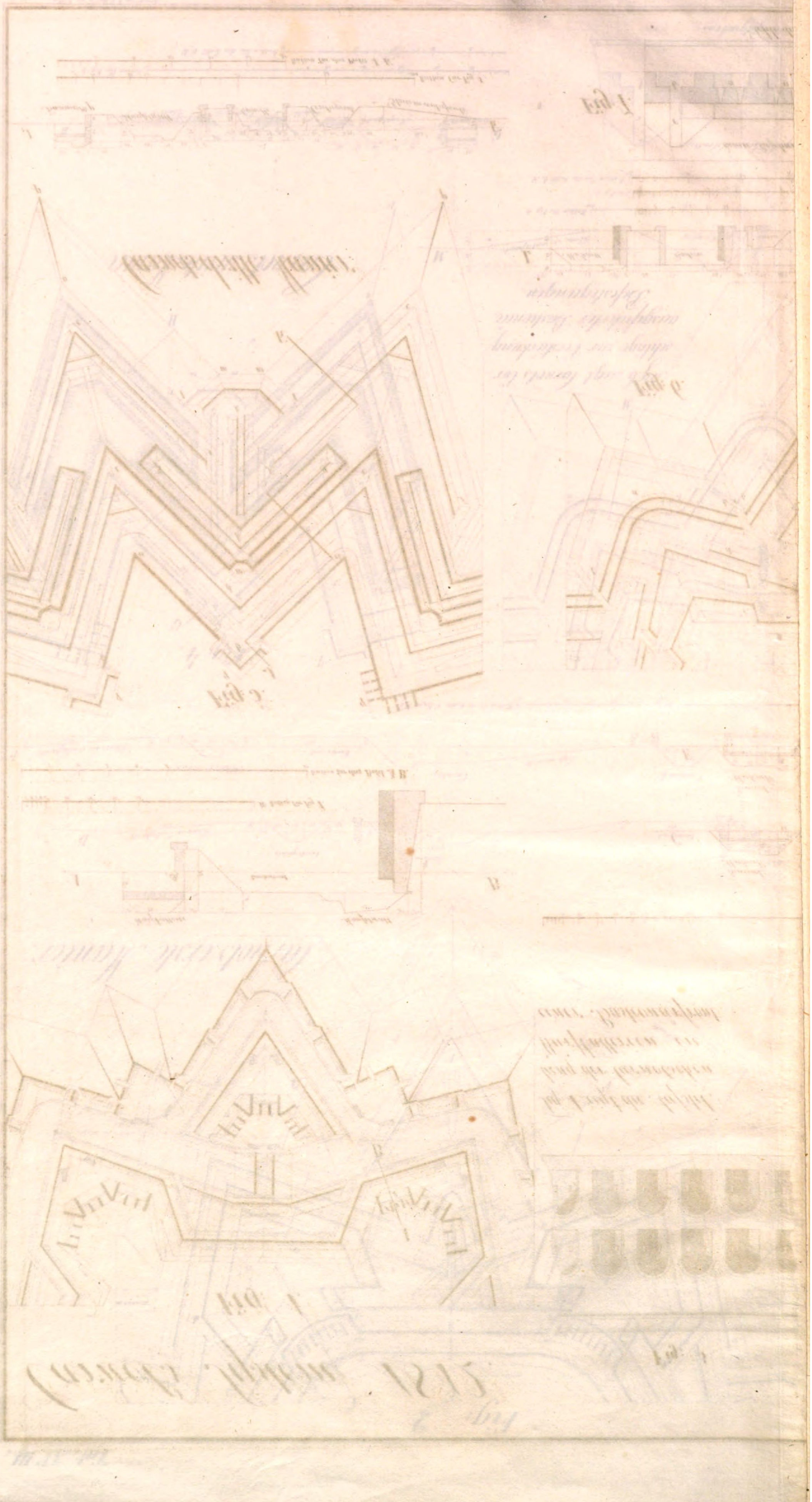
D

H

Fig: 6.
1781.



Steindr. von E. Bellmers in Berlin.



Carnot's System 1812.

Fig: 1.

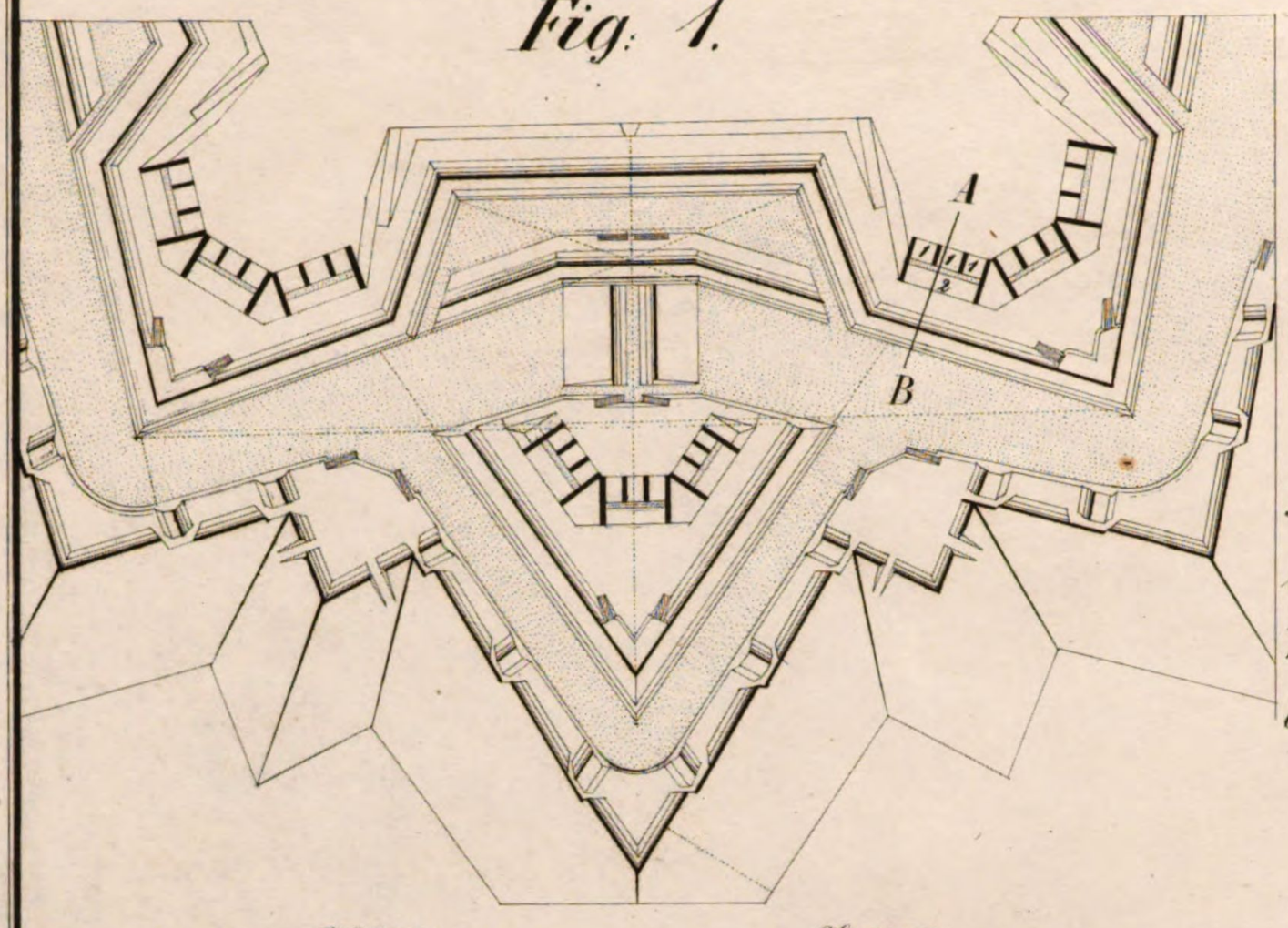


Fig: 3.

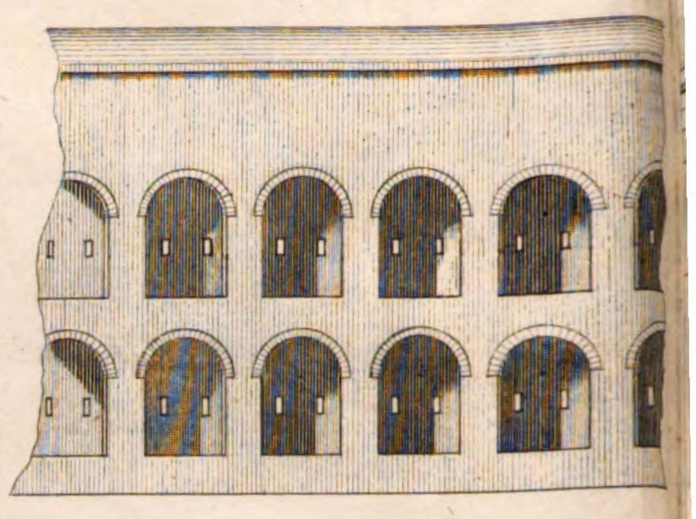


Fig: 1 zeigt die Aufstellung der Carnotschen Wurfbatterien in einer Bastionärfront.

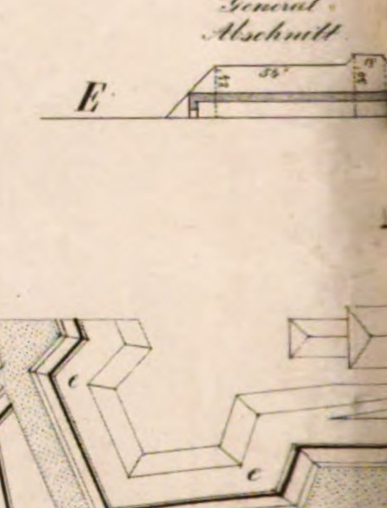
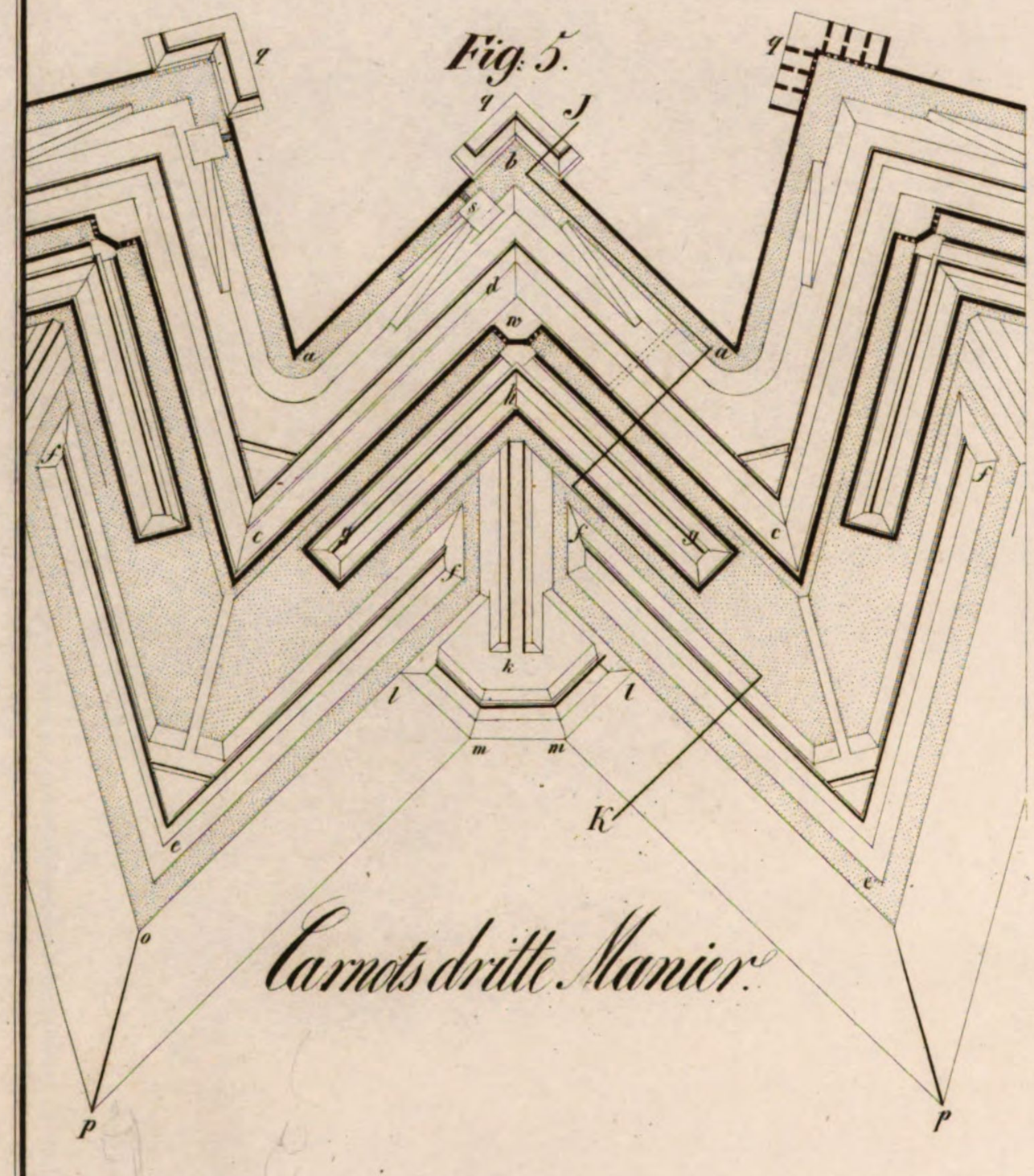


Fig: 5.



Carnots dritte Manier.

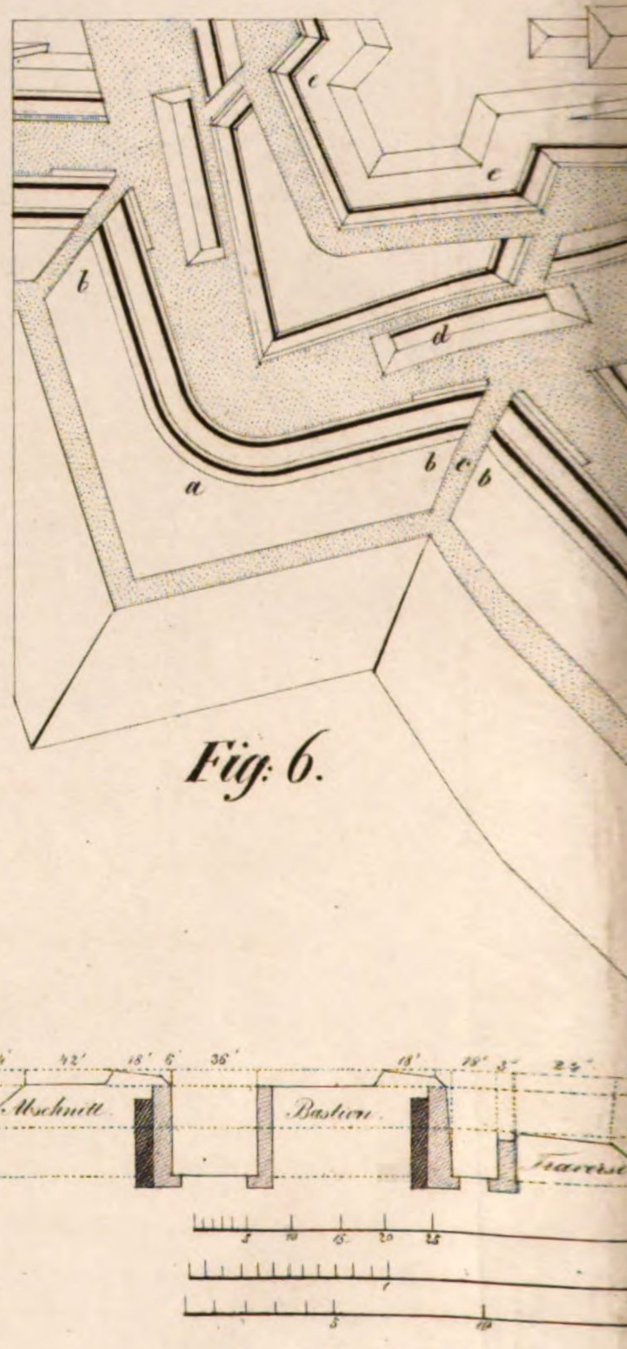


Fig: 6.

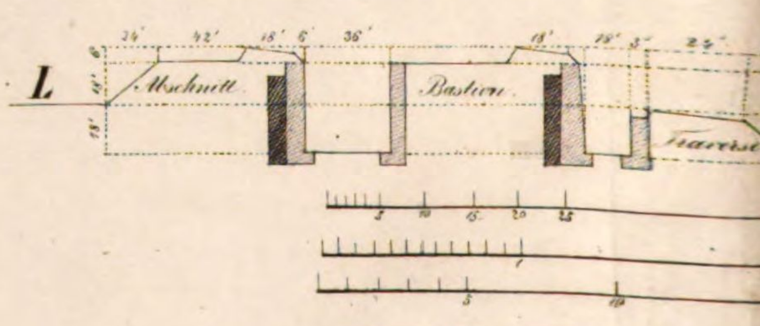
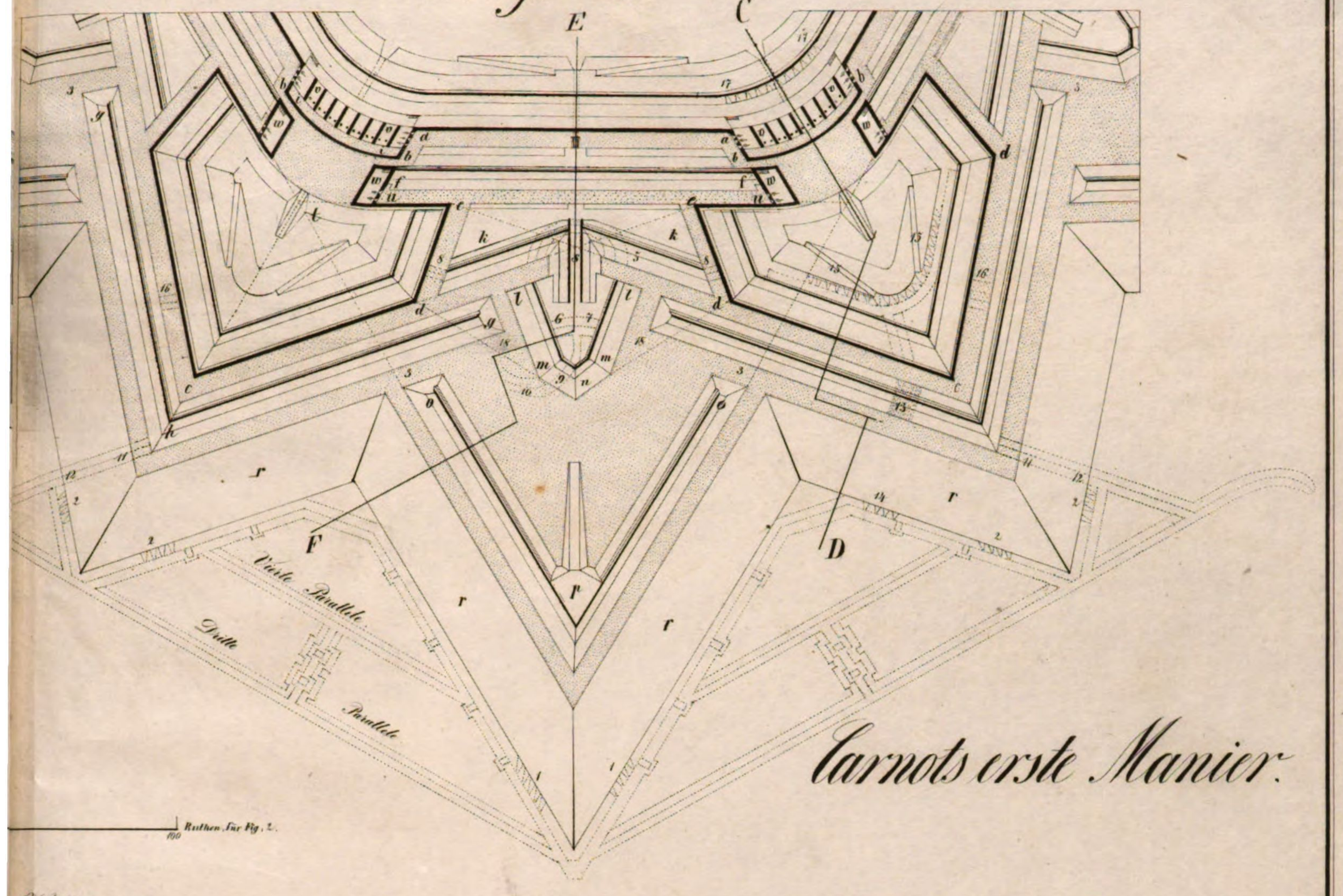


Fig: 7.

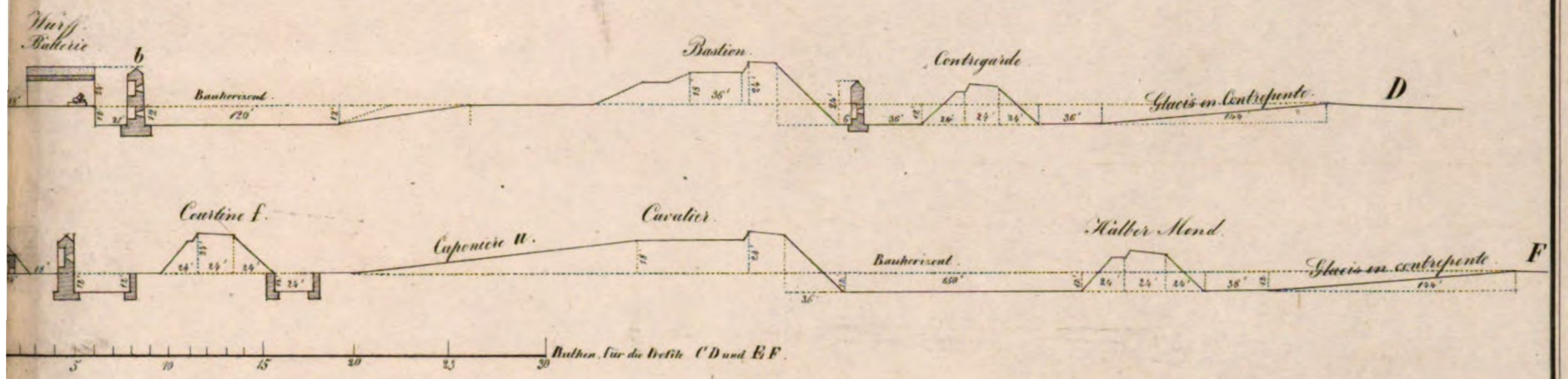
Schlo

19

Fig: 2.



Carnots erste Manier.



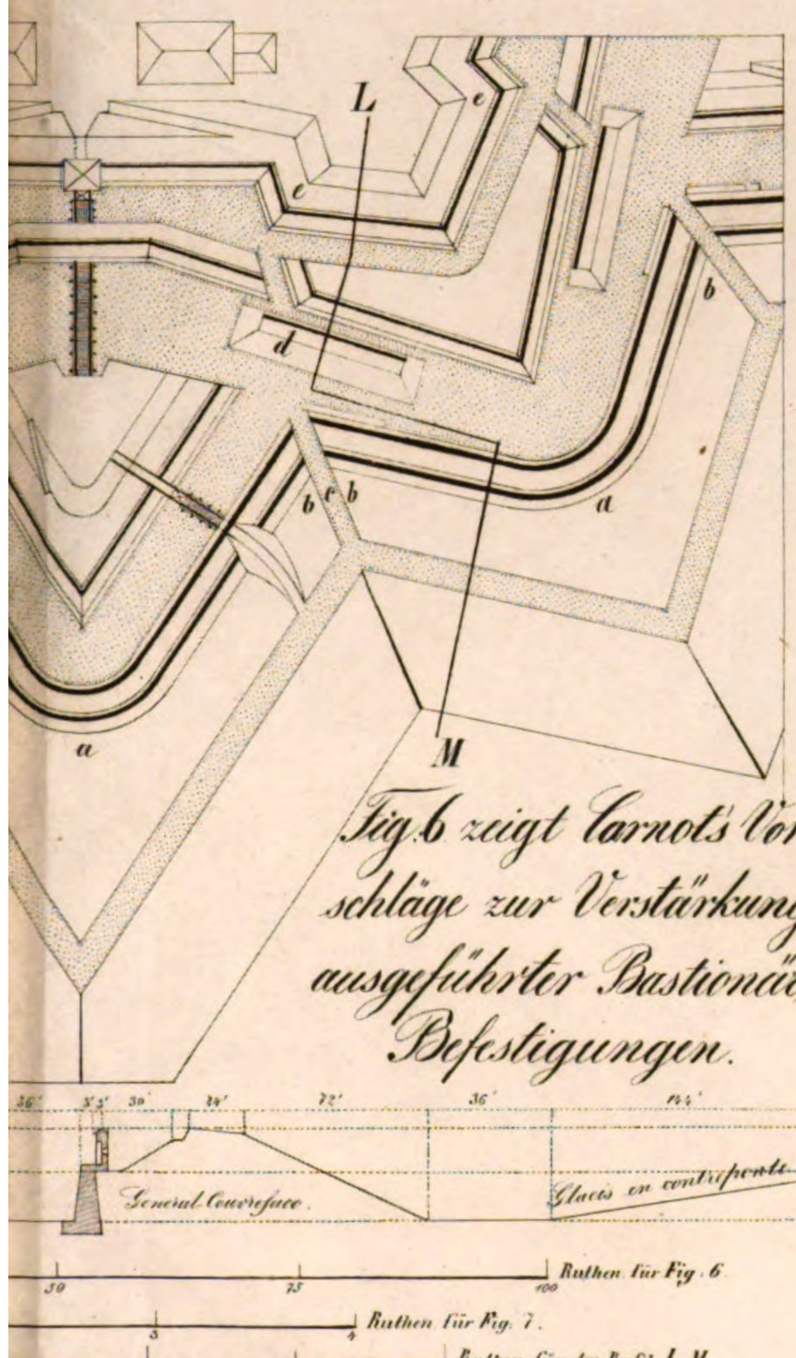
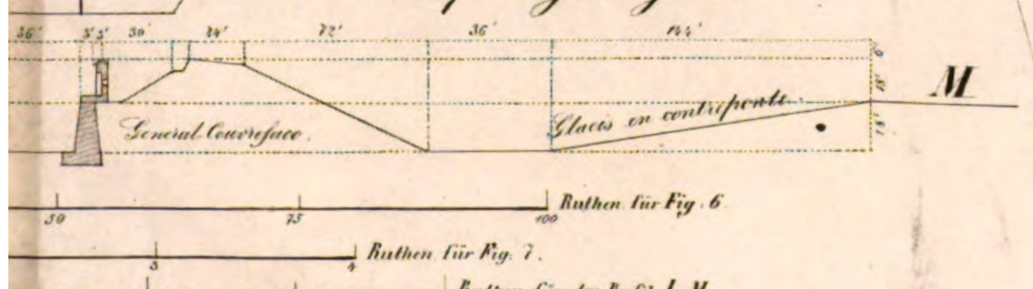
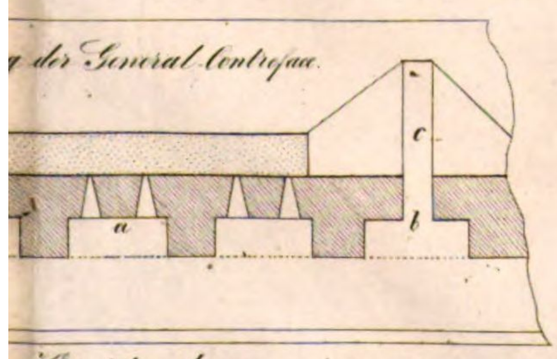
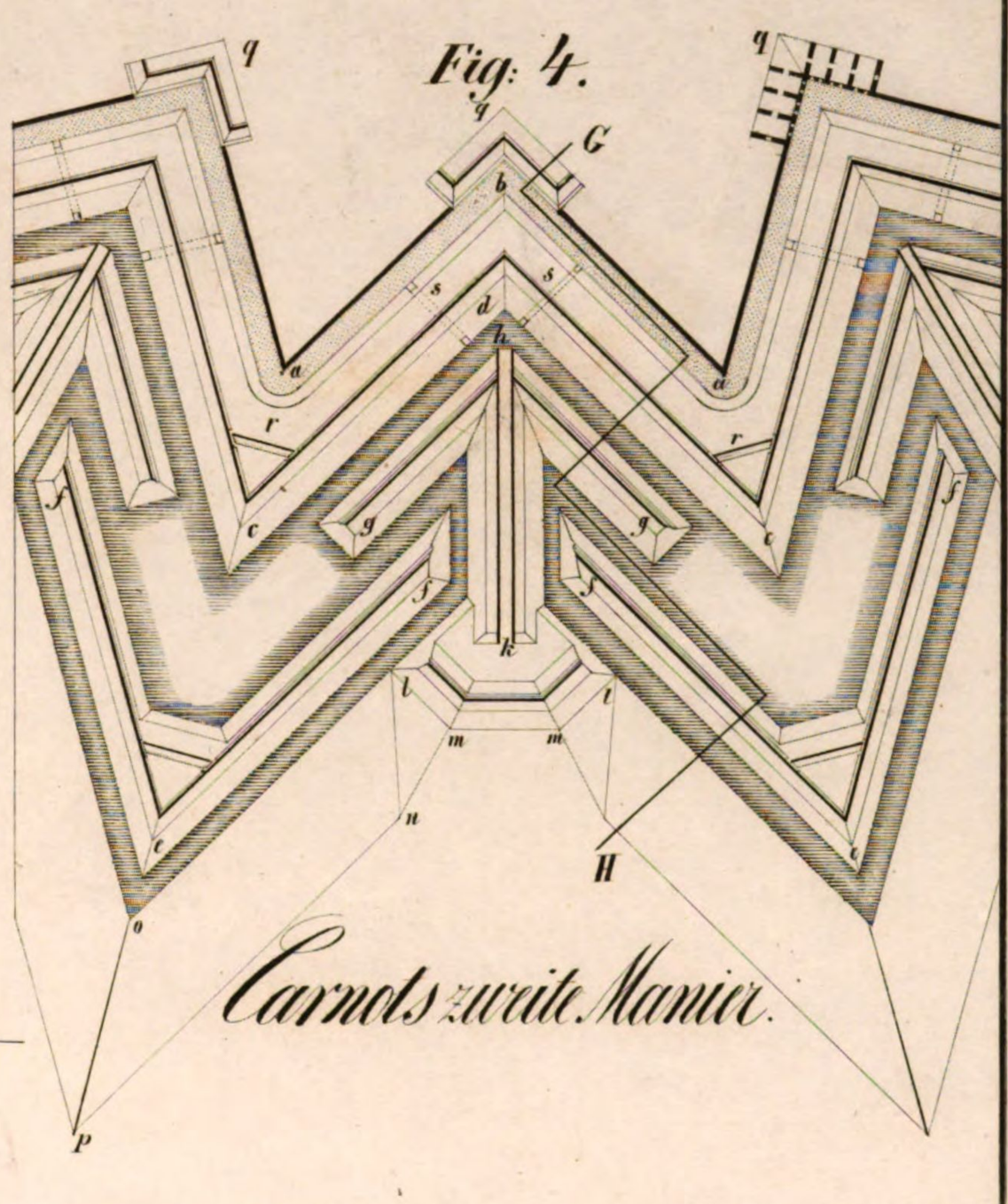


Fig. 6 zeigt Carnots Vorschläge zur Verstärkung ausgeführter Bastionär Befestigungen.



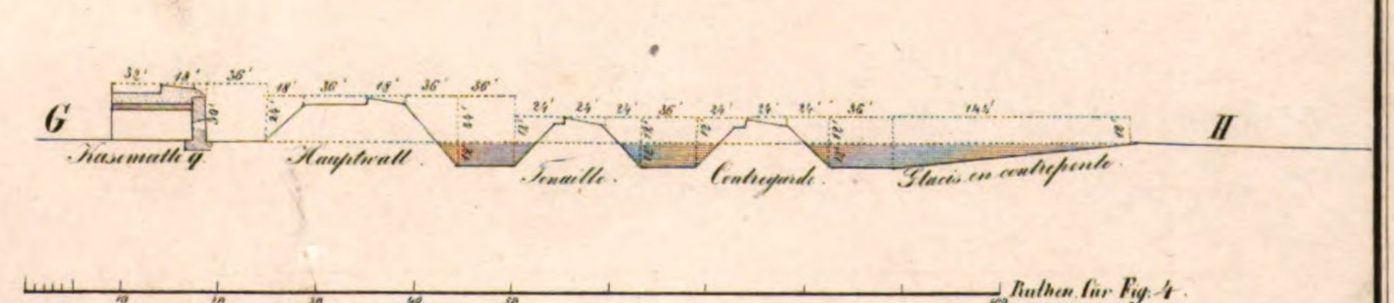


Hauptgrabens



Carnots zweite Manier.

Fig: 4.



Steindr. von E. Pettmers in Berlin.

19 Rufalw

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MDZ Münchener DigitalisierungsZentrum Digitale Bibliothek

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